



Clean Harbors Environmental Services, Inc.
2247 South Highway 71
Kimball, Nebraska 69145

308.235.4012
www.cleanharbors.com

Sent via FedEx

February 11, 2019

Mr. David Haldeman
Nebraska Department of Environmental Quality
1200 N Street, Suite 400
Lincoln, NE 68509-8922

RECEIVED

FEB 12 2019

Nebraska Dept of Environmental Quality
By: _____ DEQ#182 _____

RE: September 25-28, 2018 RCRA Compliance Evaluation Inspection
DEQ/EPA ID Number: NED981723513
IIS#: 58562 RCR

Dear Mr. Haldeman:

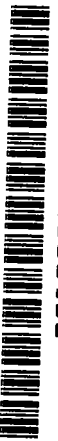
The purpose of this letter is to respond to the Notice of Violation dated November 13, 2018 and received by Clean Harbors Environmental Services, Inc. (CHESI) on November 29, 2018 (Attachment 1). The alleged violations and concerns are listed below followed by the CHESI response.

Alleged Violation 1 – Failure to accept, store and accumulate in containers only the wastes identified in Appendix I of the permit (Part III.C.8 of the RCRA Permit.)

CHESI Response:

NDEQ submitted to CHESI pages 182, 1984 and 2624 of the 2017 Biennial Report identifying Waste 545, Waste 592 and Waste 7871 (Attachment 2) with shipments containing waste codes not identified in the RCRA permit, Appendix I for acceptance at CHESI. CHESI extracted additional data from the 2017 Biennial Report that lists the manifests, and references the specific line item on the manifest, that corresponds to Wastes 545, 592 and 7871 (Attachment 3). Upon review of the manifests, CHESI identified 2 manifests, 007760329FLE and 006952281JJK, received with waste codes not identified in Appendix I, Part III.C.8 of the RCRA permit. The remaining manifests, listed in Attachment 3, have been reviewed and cross-referenced with the facility WIN drum tracking system verifying that all waste codes, for the waste received, are identified as acceptable in Appendix I of the RCRA Permit.

Manifests 007760329FLE and 006952281JJK were shipped and received at CHESI under labpack profiles LCCRC and LCCRD, respectively. Clean Harbors Central Profile Group reviews and approves profiles within the Clean Harbors facility network. Customers that self-pack labpacks are provided the Clean Harbors Custom Pack Guidelines (Attachment 4) and the packing lists are reviewed by the Clean Harbors Technical Services Department Representative prior to final approval. Labpacks that are packed by Clean Harbors personnel adhere to the Clean Harbors Corporate packing procedures. CHESI has determined that the acceptance of the waste on Manifest 006952281JJK, line 6 and Manifest 007760329FLE, line 35 were due to administrative error.



20190015401



In reference to manifest 006952281JJK an error occurred with the Technical Services Department Representative approving the customer packing list with an unacceptable waste code. In reference to both manifests, 006952281JJK and 007760329FLE, an error occurred at the facility receiving level in which an unacceptable waste code was not identified by the receiving clerk. At this time, the employees involved in the administrative errors are no longer working in the job function in which the error occurred. Additionally, the Facility Operations Manager II at CHESI, provided specific guidance and directive to the Facility Coordinators and Compliance Guards of the requirement to review documentation for acceptable waste codes prior to acceptance of manifested waste at CHESI (Attachment 5).

Based on this review, CHESI will be submitting an amendment to the 2017 Biennial Report.

As requested, CHESI has included, with this submission, the manifests and the container tracking reports for Waste 545, 592 and 7871(Attachment 6) that are listed on the extracted data report from the 2017 Biennial Report.

Attachments:

- 2 Pages 182, 1984 and 2624 of CHESI 2017 Biennial Report***
- 3 List of Manifests extracted from 2017 Biennial Report***
- 4 Clean Harbors Custom Lab Pack Guidelines***
- 5 Memo issued by Facility Operations Manager II***
- 6 Manifests and container tracking documents listed in Attachment 3***

Alleged Violation 2 – Failure to minimize the possibility of unauthorized entry of persons onto the active portions of the facility (Part II.E.1 of RCRA Permit.)

Per NDEQ, corrective action was taken by CHESI at the time of the inspection and no further response is necessary.

Alleged Violation 3 – Failure to make an accurate hazardous waste determination (Title 128, Chapter 4, 002.)

Per NDEQ, corrective action was taken by CHESI at the time of the inspection and no further response is necessary.

Alleged Violation 4 – Failure to separate containers holding hazardous waste that is incompatible with other wastes or materials (Part III.H.3 of RCRA Permit.)

CHESI Response:

At the time of the inspection, the container was removed from the identified location (Area 57D) and properly stored to comply with Part III.H.3 of the RCRA Permit.

CHESI determined the container was received and analyzed per the Waste Analysis Plan in the RCRA Permit. The container was temporarily stored in Area 57D during the waste acceptance process for



the purposes of completing duplicate, confirmatory conformance testing. Final waste conformance testing concluded that the drum required storage for processing in Area 57C.

CHESI's Receiving and Waste Acceptance personnel are trained as a new employee, annually, and as procedures and guidelines are updated. Attached is CHESI Management of Oxidizers Guideline (Attachment 7) that has been updated to include specific attention to evaluating container material composition for appropriate storage in Area 57D. Section 3, Oxidizer Building Storage, Area 57D states: "Outer containers must be constructed of appropriate manufacturing material and approved for storage in Area 57D. Only steel and poly containers can be stored in Area 57D." CHESI will continue to train employees on the Standard Operating Procedures and the Management of Oxidizers Guideline in adherence with the RCRA Permit Waste Analysis Plan and Personnel Training Program.

Attachments:

7 CHESI, Kimball Management of Oxidizers Guideline, Rev 1

Alleged Violation 5 – Failure to clearly mark each container of hazardous waste to identify its contents and date each period of accumulation begins (Title 128, Chapter 20, 014.01B1.)

Per NDEQ, corrective action was taken by CHESI at the time of the inspection. The label was replaced, and no further response is necessary.

Alleged Violation 6 – Failure to maintain and operate a continuous monitor downstream of the baghouse outlet to ensure compliance with the particulate matter emissions standard specified by permit (Part V.H.1 of the RCRA Permit, referenced by Title 128, Chapter 14, 004.02.)

CHESI Response:

Grain loading probe At-429A is installed in accordance with RCRA Permit condition V.H.1.a and calibrated daily. During the period of time in question of the operation of AT-429A, CHESI maintained the calibration schedule. Due to an improper seating of the spade connector of the device, the device displayed data at the calibration points and produced inconsistent data during continuous monitoring. Upon discovery of the improper seating, CHESI secured the spade connector which then produced monitoring data consistent with normal operation. To prevent similar incidents, a 48 hour period of the plot line, of the AT-429A monitor data, is reviewed by Control Board Operators and CHESI Incineration Management, on a daily basis, to evaluate for normal operation.

Concern 1 – Diagrams posted in the mezzanines of Building 55 listing miscellaneous equipment must be updated to include the knife shredder G-159 once the equipment is installed.

CHESI Response:

NDEQ approved, in 2017, the Permit Modification of the location of the knife shredder, G-159. At the time of NDEQ inspection, the knife shredder, G-159 had not been installed. Upon completion of G-159



is installation and the shredder is placed in service, the diagrams in the south and west mezzanines of Building 55 will be updated to include the new shredding equipment.

Concern 2 – An inspection checklist must be developed for the paint can shredding, Area 50F, once it is in service.

CHESI Response:

NDEQ approved, in 2016, the permit modification for the paint can shredding system in Area 50F. Upon completion of the Area 50F paint can shredding system construction and the system is placed in service, a permit modification of an inspection checklist will be submitted to NDEQ and implemented.

Concern 3 – The Drop Box and Cat-Vac 90-day accumulation containers in Area 80 must be listed on the inspection checklist for that area to document weekly inspections are being conducted.

CHESI Response:

The inspection for Area 80 was modified and implemented on 10/16/2018 to include the Drop Box and Cat-Vac (Attachment 8). The addition is a modification to a current Area 80 Daily Inspection listed in Appendix VI of the RCRA Part I Permit.

Attachment:

8 CHESI 10/16/2018 Area 80 Inspection

Should you have any questions, please contact Lezah Saunders, Environmental Compliance Manager at (308) 235-8260 or via email at saunders.lezah@cleanharbors.com.

Sincerely,

A handwritten signature in black ink that reads "Brad Reader". The signature is fluid and cursive, with the first and last names clearly legible.

Brad Reader
General Manager
Readerb@cleanharbors.com

Attachment 1
NOV Letter from NDEQ

NEBRASKA

Good Life. Great Environment.

DEPT. OF ENVIRONMENTAL QUALITY



Notice of Violation

NOV 13 2018

CERTIFIED MAIL

Return Receipt Requested

Mr. Brad Reader, General Manager
Clean Harbors Environmental Services, Inc.
2247 South Highway 71
Kimball, NE 69145

Re: September 25-28, 2018 RCRA Compliance Evaluation Inspection
DEQ/EPA Identification Number: NED981723513
IIS#: 58562 RCR

Dear Mr. Reader:

On September 25-28, 2018, the Department of Environmental Quality conducted a hazardous waste Compliance Evaluation Inspection (CEI) at Clean Harbors Environmental Services, Inc. for the purpose of determining compliance with your hazardous waste permit and Title 128 – Nebraska Hazardous Waste Regulations. A copy of the inspection report is enclosed.

Based on this inspection, Clean Harbors Environmental Services, Inc. was found in violation of the following requirements:

1. Failure to accept, store, and accumulate in containers only the wastes identified in Appendix I of the permit (Part III.C.8 of the RCRA Permit). This citation refers to Observation 3 of the inspection report.
2. Failure to minimize the possibility for the unauthorized entry of persons onto the active portions of the facility (Part II.E.1 of the RCRA Permit as referenced by Title 128, Chapter 21, 002). This citation refers to Observation 5 of the inspection report.
3. Failure to make an accurate hazardous waste determination (Title 128, Chapter 4, 002). This citation refers to Observation 9.g of the inspection report.
4. Failure to separate containers holding a hazardous waste that is incompatible with other wastes or materials (Part III.H.3 of the RCRA Permit as referenced by Title 128, Chapter 21, 009). This citation refers to Observations 10 and 19 of the inspection report.

5. Failure to clearly mark each container of hazardous waste to identify its contents and the date each period of accumulation begins (Title 128, Chapter 20, 014.01B1). This citation refers to Observation 18 of the inspection report.
6. Failure to maintain and operate a continuous monitor downstream of the baghouse outlet to ensure compliance with the particulate matter emission standard specified by the permit (Part V.H.1.a of the RCRA Permit as referenced by Title 128, Chapter 14, 004.02). This citation refers to Observations 46.b and 52 of the inspection report.

In addition to the violations listed, the following areas of concern were identified:

1. The diagrams posted in the mezzanines of Building 55 listing miscellaneous equipment must be updated to include the knife shredder G-159 once that equipment is installed (reference Observation 20 of the inspection report).
2. An inspection checklist must be developed for paint can shredding Area 50F once it is in service (reference Observation 35.a).
3. The Drop Box and Cat-Vac 90-day accumulation containers in Area 80 must be listed on the inspection checklist for that area to document that weekly inspections are being conducted (reference Observation 36.d of the inspection report).

This department has determined that the following actions must be taken to address these violations and concerns. You are required to complete the following tasks and provide written confirmation of completion, or a schedule for completion subject to department approval **within 30 days** of receipt of this letter.

Violation 1 – The 2017 Biennial Report listed three wastes received from off-site with waste codes that are not listed in Appendix 1 of the permit as approved for acceptance. These waste codes were F027 on Waste Stream 545, P081 on Waste Stream 5952, and U096, U160, U189, and U205 on Waste Stream 7872 of the WR forms. Copies of these WR forms were provided during the inspection. Provide copies of the manifests for these wastes, along with copies of the container tracking activities report for each. Additionally, provide an explanation of how these wastes were not prevented from being shipped to the Kimball facility and how it will be prevented in the future.

Violation 2 – This violation is in reference to the security gate that was not latching correctly at the time of the inspection. This violation was corrected at the time of the inspection. No further response is necessary with regard to this violation.

Violation 3 – At the time of the inspection, discarded lab samples were being managed as non-hazardous wastes. The exclusion for samples is found in Title 128, Chapter 2, 011 and lists the conditions under which the exclusion applies. Once these conditions no longer exist, the exclusion does not apply and the samples become a newly generated hazardous waste. This violation was corrected at the time of the inspection by designating and managing the discarded samples as hazardous waste. No further response is necessary with regard to this violation.

Violation 4 – This violation is in reference to the fiber drum, Container #68411956 that was being stored in the oxidizer building (Area 57D) at the time of the inspection. According to the waste profile, this fiber drum contained titanocene dichloride. Several on-line references list titanocene dichloride as incompatible with strong oxidizers (see Fisher Scientific SDS enclosed as an example). Additionally, the fiber drum itself is a potentially combustible material in the presence of strong oxidizers. This drum was removed at the time of the inspection. Provide any compatibility information you may have on this waste and an explanation of how such potential incompatibilities will be prevented in the future.

Violation 5 – This violation is in reference to a bulk container found in container storage Area 70C that was missing a label. The label was replaced at the time of the inspection. No further response is necessary with regard to this violation.

Violation 6 – This violation is in reference to the finding that the grain loading probe AT-429A was not functioning properly for a period of approximately 32 days until the problem was corrected just prior to the end of the inspection. Appendix V of the RCRA Permit states that particulate matter (PM) emissions are monitored continuously. Provide an explanation of this probe's role in the requirement to continuously monitor PM emissions, and whether or not compliance can be confirmed by other means during this 32-day period. Also, provide an explanation of how similar incidents will be prevented in the future.

Concern 1 – Confirm that the diagrams in the south and west mezzanines of Building 55 will be updated to include the new shredding equipment once installed.


Concern 2 – Confirm that an inspection checklist for the equipment in Area 50F will be developed once this area is constructed and in service.

Concern 3 – Confirm that the inspection checklist for Area 80 will be updated to include the two 90-day accumulation containers for Cat-Vac ash and Drop Box ash and provide a copy of the inspection checklist with your response.

Because several of these violations are high priority violations as defined by the department, a request for enforcement may be referred to the NDEQ Legal Services Division for appropriate action. Such action may include civil penalties pursuant to Nebraska Revised Statute §81-1508.02 of up to \$10,000.00 per violation per day.

If you have any questions regarding this letter, please contact Brian Gorman at (402) 471-4210.

Sincerely,

A handwritten signature in black ink, appearing to read 'D.B. Haldeman', with a long horizontal flourish extending to the right.

David B. Haldeman, Administrator
Land Management Division


DBH/bg
Enclosure

cc: Lezah Saunders w/o enclosure
Jim Aycok w/enclosure

Attachment 2

2017 Biennial Report Pages Submitted to CHESI from NDEQ

EPA ID Number **NED981723513**

United States Environmental Protection Agency HAZARDOUS WASTE REPORT 2017 WASTE RECEIVED FROM OFF SITE (WR) FORM	
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1. Waste 544

A. Waste Description TOXIC LIQUIDS FLAMMABLE ORGANIC NOS			
B. EPA Hazardous Waste Codes D001 P071 P044			
C. State Hazardous Waste Codes			
D. EPA ID Number NMD002208627	E. Form Code W004	F. Management Code H040	
G. Quantity 11.00	UOM Pounds	Density 0.00	<input type="checkbox"/> lbs/gal <input type="checkbox"/> sg

2. Waste 545

A. Waste Description TOXIC LIQUIDS ORGANIC NOS			
B. EPA Hazardous Waste Codes U010 D011 U080 P199 U328 D037 <u>F027</u> U038 P077 U058 D008 U048 U012 P051 U248 U225 U211 P020 U101 P041 D039 U044 P082 U185 U188 D010 P027 D022 P127 P194 U236 U411 P066 U129 U043 D004 P075 D040 P123 P048			
C. State Hazardous Waste Codes (comments)			
D. EPA ID Number NMD002208627	E. Form Code W004	F. Management Code H040	
G. Quantity 1,800.00	UOM Pounds	Density 0.00	<input type="checkbox"/> lbs/gal <input type="checkbox"/> sg

3. Waste 546

A. Waste Description TOXIC SOLIDS ORGANIC NOS			
B. EPA Hazardous Waste Codes D008 P113			
C. State Hazardous Waste Codes			
D. EPA ID Number NMD002208627	E. Form Code W004	F. Management Code H040	
G. Quantity 133.00	UOM Pounds	Density 0.00	<input type="checkbox"/> lbs/gal <input type="checkbox"/> sg

4. Comments

W545: (waste code) P042 U170 D007 P004 U165 U144 U240 U081 D019 P120 D005 P059 U247 D031 U279 U007

United States Environmental Protection Agency
HAZARDOUS WASTE REPORT 2017
WASTE RECEIVED FROM OFF SITE (WR) FORM

**1. Waste 5950**

A. Waste Description				ENVIRONMENTALLY HAZARDOUS SUBSTANCES SOLID NOS LEAD			
B. EPA Hazardous Waste Codes				D008			
C. State Hazardous Waste Codes							
D. EPA ID Number		AKR000003806		E. Form Code		W002	
				F. Management Code		H141	
G. Quantity		22.00		UOM		Pounds	
				Density		0.00	
				<input type="checkbox"/> lbs/gal		<input type="checkbox"/> sg	

2. Waste 5951

A. Waste Description				ENVIRONMENTALLY HAZARDOUS SUBSTANCES SOLID NOS TRIVALE			
B. EPA Hazardous Waste Codes				D007			
C. State Hazardous Waste Codes							
D. EPA ID Number		AKR000003806		E. Form Code		W002	
				F. Management Code		H141	
G. Quantity		412.00		UOM		Pounds	
				Density		0.00	
				<input type="checkbox"/> lbs/gal		<input type="checkbox"/> sg	

3. Waste 5952

A. Waste Description				NITROGLYCERIN SOLUTION IN ALCOHOL			
B. EPA Hazardous Waste Codes				D001 (P081)			
C. State Hazardous Waste Codes							
D. EPA ID Number		AKR000003806		E. Form Code		W004	
				F. Management Code		H040	
G. Quantity		2.00		UOM		Pounds	
				Density		0.00	
				<input type="checkbox"/> lbs/gal		<input type="checkbox"/> sg	

4. Comments

EPA ID Number NED981723513

United States Environmental Protection Agency
HAZARDOUS WASTE REPORT 2017
WASTE RECEIVED FROM OFF SITE (WR) FORM

**1. Waste 7870**

A. Waste Description				COMBUSTIBLE LIQUID NOS SOLVENT SLUDGE									
B. EPA Hazardous Waste Codes				D018 D008 D006 D039 D001 D040									
C. State Hazardous Waste Codes													
D. EPA ID Number		WAD981769110		E. Form Code		W204		F. Management Code		H040			
G. Quantity		800.00		UOM		Pounds		Density		0.00		<input type="checkbox"/> lbs/gal	<input type="checkbox"/> sg

2. Waste 7871

A. Waste Description				ENVIRONMENTALLY HAZARDOUS SUBSTANCES LIQUID NOS									
B. EPA Hazardous Waste Codes				U389 K015 F034 U148 K040 U031 U109 U152 U155 F025 U196 U222 U138 K030 K150 F002 D008 K041 U387 K001 U328 F035 U140 D041 U023 F007 U238 U112 F001 K147 K050 U183 U187 F012 U211 P089 U177 U069 K002 P028									
C. State Hazardous Waste Codes				(comments)									
D. EPA ID Number		WAD981769110		E. Form Code		W204		F. Management Code		H040			
G. Quantity		441,532.00		UOM		Pounds		Density		0.00		<input type="checkbox"/> lbs/gal	<input type="checkbox"/> sg

3. Waste 7872

A. Waste Description				FLAMMABLE LIQUIDS NOS 1METHOXY2PROPANOL									
B. EPA Hazardous Waste Codes				F002 U159 U210 U161 D005 U220 D018 F008 U239 F005 D035 U002 D039 U154 F003 D001 U019 F001									
C. State Hazardous Waste Codes													
D. EPA ID Number		WAD981769110		E. Form Code		W204		F. Management Code		H040			
G. Quantity		2,289.00		UOM		Pounds		Density		0.00		<input type="checkbox"/> lbs/gal	<input type="checkbox"/> sg

4. Comments

United States Environmental Protection Agency

HAZARDOUS WASTE REPORT 2017

WASTE RECEIVED FROM OFF SITE (WR) FORM



W7871: (waste code) U174 U243 K034 D030 U210 K005 U145 D018 P039 U022 U410 F032 K106 K171 K045 K117 U097 D025 U082 K04
4 K018 K114 D020 U367 K103 U208 K029 K097 U004 U131 U078 U132 U059 U061 D037 U034 U075 U048 K105 U090 K112 U193 U020
U099 K169 U028 F009 K085 U404 U235 U142 U084 K032 U200 U182 U225 U364 K086 U247 U018 K028 D002 U089 U062 K136 U189 K1
49 U186 U039 U126 K051 U161 D005 K107 U053 U220 F004 D007 U179 U169 U067 U134 U178 K157 U279 U045 D026 U052 U206 U017
K071 U117 U115 K116 U007 D017 U150 U042 U127 U101 U058 U271 U248 K123 U209 D014 D028 P001 K142 U012 F008 U087 K087 U1
62 K060 K126 D011 U072 D015 U079 U055 K083 U029 D034 U086 K172 K048 K125 U073 K084 K141 K101 K156 U044 U223 U094 U133
U124 K093 K110 K102 U081 P012 U237 U003 U091 U019 U076 U009 K096 U194 U125 D024 K049 U226 K113 D023 K025 U060 U047 U0
30 U136 U006 U141 K109 K143 K046 U191 U170 U353 D012 K009 U249 U026 U239 D004 U135 U165 K036 K031 U146 U118 U035 K004
U116 U122 K038 K021 U024 U203 K019 D001 F038 F011 U234 U105 U066 U158 K016 U184 D009 U185 F003 U041 U278 K035 U149 U2
21 U113 P075 U088 U168 U111 P044 K148 U027 U160 D039 F039 U188 K118 U103 U108 U032 U156 U106 K026 K069 U240 K095 P042
K100 D040 U197 U147 U110 U171 U395 U001 U153 U014 K124 U037 U070 U144 U021 D019 U394 D043 K111 D032 D038 U092 D031 U1
67 U201 U068 U373 U011 K006 U119 K033 F019 U409 K062 K052 U063 K145 U137 U128 F005 U213 U130 U077 D006 P037 K104 D027
U051 U064 U056 U123 U016 U205 U046 U190 U043 K014 U159 U114 F024 D016 U129 U095 D022 K094 F037 D036 K151 U192 D035 U1
07 U074 P127 K037 U057 U005 K024 K020 U071 U172 U157 U033 P102 U002 D042 U207 U164 K108 K022 U204 U246 K011 U163 U036
U176 U372 U050 U010 U228 U121 U180 U219 U015 D029 U080 K027 U038 D010 U154 U102 K073 U093 U181 P022 K007 U359 K023 K
144 U096 K042 U049 U227 K003 K039 K047 D033 K170 U173 U166 F010 D013 D021 K008 U244 U411 U218 U083 U085 F006 K017 U14
3 U236 U025 U098 K115 P108 U008 K013 U120 K010

OK

Attachment 3
2017 Biennial Report Extracted Data

CHESI Kimball 2017 Biennial Report Data

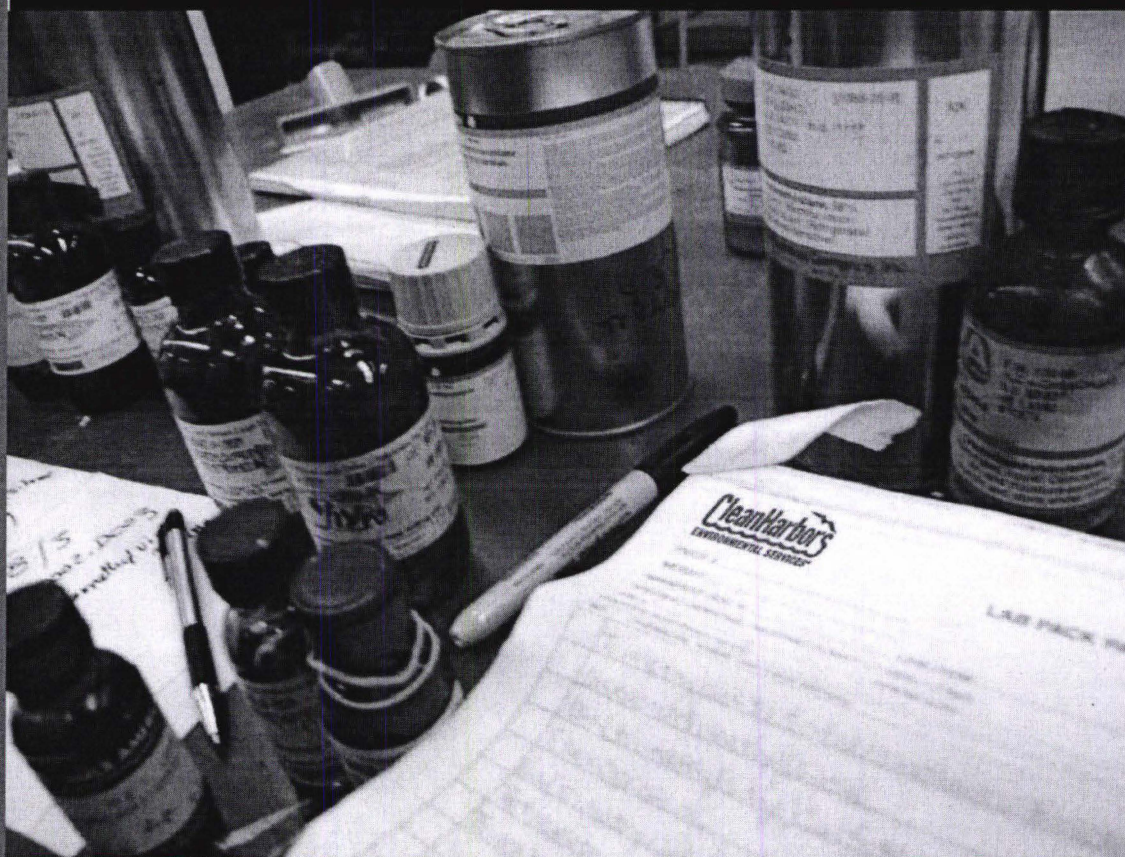
Waste #	Manifest	Manifest Line	Generator EPA ID #	Facility EPA ID	Waste Profile
7871	003456976FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456977FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456978FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456979FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456980FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456983FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456984FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456985FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456986FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	003456988FLE	1	WAD981769110	NED981723513	A22K-INT-AIR
7871	007597105FLE	5	WAD981769110	NED981723513	A22K-INTER
7871	007597114FLE	5	WAD981769110	NED981723513	A22K-INTER
5952	006952281JJK	6	AKR000003806	NED981723513	LCCRD
545	007760175FLE	1	NMD002208627	NED981723513	LCCRC
545	*007750184FLE-5	39	NMD002208627	NED981723513	LCCRC
545	007760231FLE-4	31	NMD002208627	NED981723513	LCCRC
545	007760232FLE-4	32	NMD002208627	NED981723513	LCCRC
545	007760232FLE-4	29	NMD002208627	NED981723513	LCCRC
545	007760232FLE-4	26	NMD002208627	NED981723513	LCCRC
545	007760248FLE-2	10	NMD002208627	NED981723513	LCCRC
545	007760248FLE-2	11	NMD002208627	NED981723513	LCCRC
545	007760248FLE-3	17	NMD002208627	NED981723513	LCCRC
545	007760329FLE	35	NMD002208627	NED981723513	LCCRC
545	007760348FLE	8	NMD002208627	NED981723513	LCCRC
545	007761076FLE	38	NMD002208627	NED981723513	LCCRC

*007760184FLE-5 - cross-referenced with 007750184FLE

Attachment 4

Clean Harbors Custom Lab Pack Guidelines

CustomPack[®] Guidelines



MISSION STATEMENT

The Clean Harbors CustomPack® program offers generators of lab pack quantity waste an economical and environmentally sound disposal option. The CustomPack® program allows for generators with the appropriately trained staff to package their own lab pack waste for disposal. The Technical Services department has a dedicated staff to provide technical assistance and guidance on how to properly package waste lab chemicals. Technical Services will ensure the packaged materials meet all applicable regulations and comply with Clean Harbors' facilities acceptance criteria. Our network of storage and disposal facilities accepts and processes lab packed chemicals. Disposal capabilities available through our facilities include reclamation, fuel blending, high temperature incineration, aqueous treatment, and secure chemical landfill.

CONTACT INFORMATION

Technical/Approval Contact: Technical Services (TechServices)

Phone Number: (781) 792-5398

Fax Number: (781) 792-5938

Email: TechServices@cleanharbors.com

Office Address: Clean Harbors Env. Services 42 Longwater Drive.
Norwell, MA 02061
(781) 792-5398

CLEAN HARBORS ONLINE SERVICES

Ask your Account Manager or Customer Service Representative about Clean Harbors Online Services. Clean Harbors offers a state-of-the-art web-based waste management tool designed specifically to help our customers manage their hazardous waste more efficiently. All that is needed is a personal computer with an internet connection to use the application.

The waste inventory module allows customers to create and track containers and drums of any size throughout their facility. By entering your containers online for shipment, the Self-Pack approval process is streamlined. Emailing or faxing packing lists are no longer required. Self-pack shipments with Clean Harbors are linked to the waste inventory streamlining the waste approval and order management process. Shipping paperwork is created using the containers selected for shipment.

Section 1
CustomPack®
Information

1.1 Approval Process

All containers must be approved prior to shipment from site of generation to a Clean Harbors facility. The following procedure outlines all requirements necessary to assure approval. Please allow three days for review of inventories to ensure enough time is given prior to shipping. In situations where a review needs to be expedited please indicate upon submitting.

- A) All Self Pack shipments require review by a Technical Services Representative. Please send completed packing lists to TechServices for review using one of the following methods:

Email: TechServices@cleanharbors.com

Fax: 781-792-5938 (Attention: TechServices)

Mail: Clean Harbors Environmental Services 42 Longwater Drive
Norwell, MA 02061

Telephone: 781-792-5398

- B) Waste materials for shipment must be inventoried by container and a packing list prepared for each drum. One copy of the packing list must be provided to the transporter and three copies attached to each drum. Each drum requires a completed packing list which should include the following information: Drum Size, Shipping Name, Applicable Waste Codes, and Complete Inventory. If needed, a blank packing list can be provided on request.
- C) Upon receipt of packing lists, the Program Manager will review the contents of each container for compliance with Federal and State regulations as well as packing protocols set forth by Clean Harbors.
- D) A review sheet will be returned which shall contain the disposal code for each drum and any changes that are required. Any required corrections will be conveyed and subsequent approval will be contingent upon adherence to the corrections. Until the required changes have been made these drums cannot be shipped to a CHES facility.
- E) Once all paperwork has been reviewed and approved by TechServices an approval number will be assigned for the lab pack shipment. The approval number is

specific only to the drums submitted as indicated on the review form. This approval number is ONLY valid for one shipment. Each subsequent shipment will require a separate review. The specific approval number shall then be placed on the top right-hand corner of the manifest. One or more of the drums will be given a specific profile number based on the approval number given. This will be indicated on the review. The profile number will replace that drum's lab pack disposal code. This profile contains information to the plants that the shipment was reviewed and approved by TechServices. The remainder of the drums should use the assigned disposal code from the review.

F) Unacceptable Material

Explosives, Radioactive

Bio Hazardous Waste

Department of Transportation forbidden to transport items.

DEA regulated material

The listing of restricted materials varies depending on to which Clean Harbors' facility the waste is shipped.

Shipping Material without Approval

Material shipped without the proper approval numbers will be rejected back to the generator and the generator will be held responsible for any transportation charges incurred.

Misrepresented Waste

Additional pieces found in the drum and not listed as part of the packing list inventory or mislabeled chemicals which could pose a threat to the safety of Clean Harbors' employees will be assessed a \$300.00 fee per occurrence.

Improper Packaging of Chemicals

Mixed hazard classes per the Department of Transportation regulations, broken or leaking containers, or any mislabeled drum will be assessed a \$75.00 fee. Materials

which have been improperly packaged and require special handling may be assessed an off-specification fee in excess of \$75.00.

Manifest and Land Ban Certificate Discrepancies

Missing or incorrect information on regulatory documents will be assessed a \$75.00 fee.

Missing NFPA Oxidizer Class

Missing information regarding NFPA oxidizing class will be assessed a \$75.00 fee. NFPA Class should be included on packing lists and manifests where applicable. If there are questions regarding proper classification, work with TechServices during review process.

1.2 Scheduling & Receiving Procedures

Scheduling of all material will be performed according to the following procedures:

- A) One specific approval number will be issued for each shipment upon confirmation of compliance with all approval criteria.
- B) Schedule shipment with your local Customer Service Representative or point of contact.
 - a. Materials transported to a Clean Harbors' facility must utilize an appropriately licensed and permitted transportation company.

Upon delivery of shipment to a Clean Harbors' facility, the following procedures will be followed:

- A) Each manifest will be reviewed by a receiving chemist for:
 - 1) Accuracy of piece count
 - 2) Land Disposal Restriction Notifications

- 3) Proper Signatures
 - 4) Evaluations (where applicable)
 - 5) Any other paperwork associated with the manifest, when applicable
- B) Container labels will be inspected for required information in accordance with D.O.T. Regulations and Clean Harbors' specifications.
- C) All containers will be inspected upon arrival and must match information provided to TechServices prior to the shipment.
- D) All discrepancies will be noted and may be subject of off-spec charge
- E) Manifest discrepancy notifications will be issued where applicable. The Self Pack Program participant will be notified via telephone when necessary. For this reason, the name of a generator contact authorized to make manifest discrepancies must be provided when the approved material is scheduled into the facility.
- F) Materials received that are restricted from the facility will be rejected back to the generator and will be subject to off-specification charges.
- G) Clean Harbors will complete the distribution of the hazardous waste manifest and forward a copy to the Self Pack Program participant.

1.3 Items Requiring Pre-Approval

"The items listed in Section 1.3 are highly hazardous chemicals that require a special pre-approval process. The list is not intended to be all inclusive, nor should it be relied upon by any party for any other purpose. Compliance with these procedures shall not relieve the party packaging the materials from complying with applicable law and industry standards. Clean Harbors will not accept the listed materials, except in accordance the following procedures. For chemicals which do not pass the approval process and for all highly hazardous materials, Clean Harbors recommends utilizing the Clean Harbors Reactive Materials Team to handle these potentially unstable compounds."

Azides**Potentially Acceptable Azide Compounds:**

Alkaline earth metal azides (Sodium, Potassium, Lithium)

Alkyl azides (t-butyl azidoformate, Ethyl azidoformate)

Aryl azides (Phenyl azide)

Azide Hazards - potentially unstable, reactive, and explosive. Toxic. Incompatibles included metals, oxidizing agents, reducing agents, acid, alkalis, alcohols, aldehydes, ketones, sulfur and sulfides

Required Form – Clean Harbors Azide Evaluation Form

Packing Requirements – Pack alone. Poly containers only. Code LRCT-B

Unacceptable Azide Compounds - unstable and potentially explosive. NOT CHESI approved:

Ammonium azide
1-Hydroxy -7-azabenzotriazole Azido guanidine picrate (dry)
Azido hydroxy tetrazole (mercury & silver salts)
3-Azido-1,2-propylene glycol dinitrate
Azidodithiocarbonic acid
Azidoethyl nitrate Azotetrazole (dry)
Butoxy carbonyl azide,
tert* Bromine azide
Chlorine azide
Copper amine azide
Cupric azide
Cuprous azide
p-Diaazobenzene
1,2-Diaazidoethane
1,1'-Diazoaminonaphthalene
Diazoaminotetrazole (dry)
Diazodinitrophenol (dry)
Diazidiphenylmethane
Diazonium nitrates (dry)
Diazonium perchlorates (dry)
1,3-Diazopropane
N,N'-Dichlorazodicarbonamidine (salts of) (dry)
Hydrazine azide
Hydrazoic acid solutions >10% Hydrogen azide
Iodine azide (dry)
Lead Azide (dry)
Mercuric azide
Silver azide (dry)
Tetraazido benzene quinone
Tetrazoyl azide (dry)
p-Xylyl diazide

Compounds Not Acceptable without Clean Harbors' Approval – unstable and potentially shock sensitive. NOT CHES Approved for shipment without prior approval

Picric Acid

Synonyms - 2,4,6-Trinitrophenol, Picronitric acid, Carbazotic acid, Nitroxanthic acid

Picric Acid Hazards - highly unstable and capable of explosive decomposition. It becomes increasingly shock, heat, and friction sensitive as it loses moisture. Must be >30% wet with visible water to be considered for approval. When in contact with incompatibles, Picric acid forms explosive salts. Incompatibles include metals, metal salts, ammonia, lime, concrete, plaster, oxidizers, and heat.

Required Forms – Clean Harbors Picric Acid Evaluation Form

Packing Requirements – Pack alone. Poly containers only. Code LRCT-D

NFPA Class 4 oxidizers

Compounds

- Tetranitromethane (P115)
- Ammonium perchlorate (D001) (<15 Microns in size 1.1 D Explosive)
- Guanidine nitrate (D001)
- Hydrogen peroxide, stabilized (D001/D002)
- Ammonium permanganate (forbidden to transport)

Class 4 Hazards – potentially reactivity and shock sensitivity when contaminated or exposed to thermal or physical shock.

Required Form – Clean Harbors Class 4 Oxidizer Evaluation Form

Packing Requirements – Less than 10 pounds only. Pack alone. Code LRCT-O

Cylinders

Gases - All cylinders require evaluation and approval. Cylinder Hazards – Vary, numerous

Required Form – Clean Harbors Cylinder Evaluation Form

Required Picture – Clean Harbors requires a picture of both the cylinder and the valve.

Packing Requirements – Cylinders must be DOT stamped. They are their own shipping container. Leak test required. Valve caps required. Coding is case-by-case, assigned by the Self Pack Program or Technical Services upon approval.

Borane -THF Complex

Hazards – Borane-Tetrahydrofuran Complex is a clear, colorless liquid that reacts violently with water, moist air, alcohols and acids evolving large quantities of heat, flammable Hydrogen Gas and toxic Diborane Gas, resulting in fire, explosion, or dangerous pressures in sealed containers. Primary hazard is the potential for undetected decomposition and for the material to spontaneously rupture its container. Peroxide formation from THF is theoretically unlikely due to the presence of the Borane.

Required Form – Clean Harbors Borane-THF Complex Evaluation Form

Packing Requirements – Wrap cap with Parafilm. Ship with compatible material, LRCT-D.

Peroxide formers

Peroxide Former Hazards – shock sensitive compounds, can explode if subject to mechanical shock, intense light, rapid changes in temperature, or heat.

Required Form – Clean Harbors Peroxidizable Compounds Evaluation Form Packing requirements – Lab pack. Codes LCCRD or LRCTD.

Examples of Peroxidizable Compounds

Group 1 Peroxide Formers

CHEMICAL	SYNONYMS	DESCRIPTION
Diethyl Ketene	2 ethyl 1 butene 1 one	Clear, colorless liquid
Divinyl acetylene	n/a	Yellowish oil, liquid
Divinyl Ether	Vinyl Ether, Divinyl Oxide	;Clear, colorless liquid
Isopropyl ether	Diisopropyl Ether, Diisopropyl Oxide	Clear, colorless liquid
Potassium Amide	Potassamide	Yellowish brown solid
Potassium Metal	Potassium	Silver/White solid metal
Sodium Amide	Sodamide	Gray/white crystalline
Vinylidene Chloride	1,1,-dichloroethylene, 1,1-dichloroethane	Clear, colorless liquid

Group 2 Peroxide Formers

CHEMICAL	SYNONYMS	DESCRIPTION
Acetal	1,1 diethoxyethane, diethyl acetal	Clear, colorless liquid
Acetaldehyde	Ethanal, ethyl aldehyde	Clear, colorless liquid
Cumene	Isopropyl benzene	Clear, colorless liquid
Cyclohexene	1,2,3,4 tetrahydrobenzene	Clear, colorless liquid
Cyclopentene	n/a	Clear, colorless liquid
Decalin	Decahydronapthalene	Clear, colorless liquid
Dicyclopentadiene	Cyclopentadiene dimer	Clear, colorless liquid
Diethylene glycol dimethyl ether	Diglyme	Clear, colorless liquid
Dioxane	1,4 dioxane, diethylene dioxide	Clear, colorless liquid
Ethyl ether	diethyl ether, ethoxyethane	Clear, colorless liquid
Ethylene glycol dimethyl ether	1,2, dimethoxy ethane, glyme	Clear, colorless liquid
Furan	Divinylene oxide	Clear, colorless liquid
Methyl acetylene	Allylene, propyne	Colorless gas or liquid
Methyl cyclopentane	MCP	Light yellow liquid
Methyl-isobutyl ketone	MIBK, Isopropylacetone	Clear, colorless liquid
Tetrahydrofuran	Butylenes oxide, diethylene oxide	Clear, colorless liquid
Tetrahydronapthalene	Tetraline	Clear, colorless liquid

Group 3 Peroxide Formers

CHEMICAL	SYNONYMS	DESCRIPTION
1,3 butadiene*	Vinylethylene, divinyl	Clear compressed liquefied
Acrylic Acid*	2-Propenoic acid, vinyl formic acid	Clear, colorless liquid
Acrylonitrile*	Propenenitrile; Vinyl cyanide;	Clear, colorless liquid
Chlorobutadiene*	Chloroprene	Clear, colorless liquid
Chlorotrifluoroethylene*	Trifluorochloroethylene, genetone 1113	Compressed Gas
Methyl Methacrylate*	Propenoic acid, Methacrylic acid	Clear, colorless liquid
Styrene*	Vinylbenzene; Phenylethylene; Styrol	Clear to yellow oily liquid
Tetrafluoroethylene*	Perfluoroethylene	Compressed gas
Vinyl acetate*	Ethenyl acetate; Ethenyl ethanoate	Clear, colorless liquid
Vinyl acetylene	Buten-3-yne	Colorless gas or liquid
Vinyl chloride*	Chloroethylene, ethylene monochloride	Colorless gas or liquid
Vinyl pyridine*	4-Ethenylpyridine	Yellow to brown liquid

Reactive Lithium Compounds

Required Form – Clean Harbors Reactive Lithium Evaluation Form (see Appendix B)

Packing requirements – Lithium must be under mineral oil and combo packed in inner poly drum (1H2) with steel outer drum (1A2). Reactive lithium can only be manifested to Clean Harbors El Dorado, AR facility and must ship there directly. Approval is required from the facility directly prior to shipment. Codes LITHL.

After the material has been evaluated on site and the appropriate evaluation form has been completed, please submit evaluation form with packing slips for approval. TechServices will review the evaluation form with you and make a determination as to whether or not the material is acceptable for shipment.

The evaluation form needs to ship on the drum with the packing slip. Contact TechServices with any questions or concerns during the approval process.

This is outside standard Self Pack scope. Work with local Account Manager or Customer Service Representative for more details.

1.4 Other Waste Types

Clean Harbors can provide disposal for materials not referenced in these packing guidelines such as PCB waste, gas cylinders, bio-hazardous waste, bulk reactives, etc. If materials are encountered that are not included in this package, please call TechServices or your Clean Harbors Representative for disposal options.

Section 2
Packing Procedures

PACKAGING

2.1 Shipping Containers

- Must be a UN approved & stamped container.
- Acids, batteries, oxidizers and metal reactive materials (sodium azide/picric acid) must be packed in poly containers.

2.2 Packaging Material:

- Packaging material must be compatible.
- Vermiculite (a light weight inert absorbent) should be used as the primary packaging material (exception: "Polysorb" for hydrofluoric acid).
- Other types of packing material such as bentonite, clay based floor dry, oil absorbent, dry absorbent, sawdust or ground corn cob may be used with prior approval.
- Organic material such as ground corn cob is unacceptable as packing material for corrosive, oxidizing or reactive material.
- If vermiculite is not used as the packaging material, the type of packing material must be listed on each individual packing list.

2.3 Physical Packaging:

All drums must use vermiculite as the absorbent*. The vermiculite will cushion the inner containers to minimize the risk of breakage during transport and will absorb any liquid in the event of total failure of any or all liquid containers:

- Fiber drums must be lined with a 3 mil poly bag.
- Place a bed of absorbent on the bottom of the container, 3-4 inches for >5 gallon containers and 2 inches for a 5 gallon container.

- Cover each container layer with 2"-3" of absorbent.
- Fill the lab pack with alternating layers of containers and absorbent. All containers must be placed upright.
- Allow a minimum space of 4 inches of absorbent at the top of the container to prevent breakage during transportation.
- Close and tightly secure the lid on the container.
- Attach DOT labels, markings and a detailed packing list in a waterproof packing envelope.
- **Other suitable absorbent may be used with prior approval. Use polysorb for hydrofluoric acid.*

2.4 Maximum Allowable Volume/Weight per Container:

Container Type	Max volume liquids	Max. weight solids*	Max. inner size**
Cubic Yard Box CF	57 gallons	452 pounds	5.3 gallons
55 gallon DM/DF	20 gallons	452 pounds	5.3 gallons
30 gallon DM/DF	12 gallons	200 pound	5.3 gallons
20 gallon DM/DF	8 gallons	120 pounds	5.3 gallons
16 gallon DM/DF	6 gallons	80 pounds	5.3 gallons
10 gallon DM/DF	4 gallons	50 pounds	4 gallons
5 gallon DM/DF	2 gallons	25 pounds	1 gallon

*Gross weight of a complete package may never exceed 452 pounds (49 CFR 172.12).

** Maximum inner container weight is 50lbs for solids.

Category	Size Limitation
Aerosols (LCCR-Q)	Max 20 ounces
Aqueous treatment (LAT)	Max 5.3 gallons Min 8 ounces
Azo/Organic nitrates/Multinitrated /Org oxidizers*	Max 1 pound(S) 4 ounces (L)
Fuels Blending (LFB)	Max 5.3 gallons Min 1 pint
Incineration (LCCR)	Max 5.3 gallons
Landfill (LLF)	Max 5.3 gallons
Reactives*	Max 5 pounds(S) ½ gallon(L)
Small Containers/Vials	Bag or Overpack
Pathological & RCRA/Pathological Commingled	Max 3 gallons (L)

*Call in for packing instructions when large amounts of these items are encountered. Customer specs/disposal facility specs may require special handling.

2.5 Inner Containers:

The type and size of inner waste containers must be recorded on the packing list. The volume and quantity of waste within any container must also be indicated.

- All inner containers must be tightly sealed.
- Containers with dubious integrity or with missing caps must be overpacked in a rigid container.
- Glass containers - maximum of one gallon.
- Metal/plastic containers - maximum of 5 gallons liquid or 50 lbs. if solid.
- All inner containers must be chemically compatible.
- Must be clearly marked to indicate contents.

2.6 Packing List:

A packing list must be prepared for each outer container and must contain the following information.

- Container type, size and a unique number for each container.
- Generator name and number.
- Hazard class and DOT proper shipping name.
- Lab pack group category.
- Type of absorbent, if absorbent other than vermiculite is used.
- Initials of chemists packing and date packed.
- *When evaluation forms are required for a self-pack, a copy of each applicable form must be shipped with the packing list.*

2.7 Waste Description:

Each waste item must be fully and accurately identified. Each item must have a material description that properly denotes its chemical nature and ingredients or components. Generic or trade names are not acceptable.

- Complete chemical composition (name).
- Chemical name on the inner container must match the name on the packing list.
- Physical state (liquid, liquid/solid, solid, etc.)
- Detailed description of debris.
- EPA/state waste code where applicable.
- Type of 5 gallon container (metal/poly).
- Weight in pounds of all reactive materials.
- Indicate pH, flashpoint, SADT and attach MSDS's whenever possible.
- Indicate monomers - inhibited, uninhibited or "reacted out"
- Indicate puncture hazard such as broken thermometer, ampules, and sharps.
- Percentage of materials in mixture.
- Organic Peroxides must list percentage of diluent and the diluent Material.
- All Oxidizer lab packs must have the highest NFPA Oxidizer class noted on the packing sheet. If not applicable, please note this.

2.8 Labeling and Marking:

All lab packs must be labeled per US DOT requirements. All drums must be marked to comply with 40 CFR Part 262.32 and must identify the generator. All outer containers must be labeled or marked with the following:

- Hazardous (yellow), Non-RCRA regulated (blue), or non-hazardous waste label (green).
- DOT shipping label as specified in column 6 of the hazardous materials table.
- Detailed packing list (cylinder information, evaluation forms, organic peroxide information must be attached to each container in a waterproof packing envelope.
- Hazardous, Non-RCRA/DOT, and non-hazardous wastes must include N.O.S. descriptors in the shipping description on manifest and on the container label.
- Drum ID number - Clean Harbors' code preceded by the container # (e.g. #25 LAT-A, #26 LCCR-A etc.) must be indicated on the packing list.

SECTION 3:
PACKING CATEGORIES

LLF: Lab Pack for Landfill

Acetates and other inorganic/organic salts
 Adepic Acid
 Albumin
 Albumin Carbonate
 Aldehydes (Laureal Aldehyde, etc.) (<pt.)
 Amino Acids
 Aminophenol
 Ascorbic Acids
 Benzaldehyde
 Bitartarate
 Carbon Black *** **Charcoal (charcoal is a 4.2 material and may not be shipped LLF)**
 Cellulose
 Chlorophthalic Acid
 Clay
 Cobalt Oxide
 Copper Carbonate
 Diaminobenzidene
 Diatomaceous Earth
 Diphenyl Amine
 Dodecyl Acetate (<pt)
 EDTA & salts
 Ethylene Glycol Dibutyl Ether (<pt)
 Fatty Acids
 Glutannic Acid
 Glycerin (<pt)
 Glycols (<pt)
 Grease
 Heavy Alcohols (Oleyl, Dodecyl, etc.)
 Iron Oxide/Pyrites
 Latex Based Resins
 Maleic Acid
 Marble Chips
 Methane Sulfonic Acid
 Mica
 Naphthalene Sulfonic Acid
 Neutral (organic based) Cleaner
 Non EPA/RCRA/DOT regulated surfactants
 Non RCRA Regulated Alkaline Compatible Inorganic Solids
 Non RCRA Regulated Alkaline Contaminated Debris

Non Regulated Acid Compatible
 Inorganic Solids/Contaminated Debris
 Non Regulated Acid Contaminated Debris
 Oils/Glycols (<pt)
 Oxalates (water insoluble)
 Oxides/Carbonates/Tungstates Etc.
 Palmitic Acid
 Phenolic Resins (6.1)
 Phenylene Diamine Solid
 Phthaloyanine Dyes
 Piperonyl Butoxide
 Polyacetate Resins
 Polyacrylate Resins
 Polyamine Resins
 Polybutylene Resins
 Polycarbonate Resins
 Polyester Resins
 Polyol Resins
 Polystyrene Resins
 Polyurethane Resins (non-combustible)
 Polyvinyl Alcohol (PVA)
 Polyvinyl pyrrolidone (PVP)
 Phthalic Acid
 Quaternary Ammonium Salts
 Salicylic Acid
 Silica/Silicon Dioxide
 Silicates (Al, Ca, Ni, Etc.)
 Silicone Polymers
 Silicones (<pt)
 Stearates
 Steric Acid
 Succinic Acid
 Succinic Anhydride
 Talc
 Thiobenzoic Acid
 Thiomaleic Acid
 Trichloroacetic Acid (solid)
 Tohric Acid
 Toluene Sulfonic Acid
 Zircon

Comments:

1. Non-RCRA regulated material only
2. Liquids are acceptable
3. Contact TechServices when large amount of waste not specified on this list are encountered
4. Check all pesticides against carbamate listings

LLFAS: Lab Pack for Landfill**Division 9**

Asbestos Gloves
Asbestos Ovens
Asbestos Piping
Asbestos Tiling
Ascarite
Friable Asbestos
Non-Friable Asbestos

Comments:

1. Asbestos is an OSHA regulated substance that must be double bagged and wetted prior to handling by Clean Harbors personnel.
2. Bags not to exceed 80 pounds each.
3. Commercial products with fully encapsulated asbestos containing material such as roofing cement or tar may be packed in an LFB2, LLF-AS, or LCCR-N category. This material will not be regulated by the DOT unless it has an additional hazard associated with it (Ex. Ignitable adhesive containing asbestos).
4. Ship using a hazardous waste manifest and/or an asbestos waste manifest (for NESHAP regulated asbestos) using the following shipping name:
RQ ASBESTOS, 9, NA2212, PG III (Friable Asbestos)
5. Asbestos must be manifested in cubic yards or cubic meters (yd3 or m3) one yd3 = approximately 3 x 55 gallon drums.
6. When large items such as asbestos doors, desks etc. are encountered- call CleanPack Technical Service for proper handling and pricing.
7. Label regulated asbestos containers with the yellow and black OSHA asbestos warning label in addition to the DOT class 9 diamond and EPA marking.
8. Check individual state training requirements before accepting any amount of asbestos.

LAT: Lab Pack for Aqueous Treatment

LAT-A: Lab Pack Acid & Acid Compatibles for Aqueous Treatment

Division 8

Aluminum (III) Chloride (Hydrated) - Solids & Solutions
 Aluminum (III) Bromide (Hydrated) - Solids & Solutions
 Aluminum Iodide (Hydrated) - Solids & Solutions
 Aqua Regia **OXY**
 Bifluorides (Inorganic Water Soluble)
 Bisulfites (Acidic) **RED**
 Chloroplatinic Acid
 Chromic Acid Solution **OXY**
 Chromic Fluoride - Solids & Solutions
 Copper Chloride
 Ferric Chloride
 Ferrous Chloride
 Fluoro Phosphoric Acid
 Hydrobromic Acid
 Hydrochloric Acid
 Hydroiodic Acid
 Nitric Acid 50% or Less **OXY**
 Nitric Acid Standard Solutions **OXY**
 Phosphoric Acid Potassium
 Bifluoride Potassium Sulfate
 Selenic Acid (D002, D010)
 Sodium Hydrogen Fluoride
 Sodium Hydrogen Sulfate
 Sodium Metabisulfite
 Sulfuric Acid
 Titanium Sulfate Solution
 Vanadium Dichloride
 Zinc Chloride Anhydrous
 Zinc Chloride, Solution

Zinc Sulfate

Division 6.1

Arsenic Bromide
 Arsenic Solutions
 Beryllium Bromide
 Beryllium Chloride
 Beryllium Iodide
 Beryllium Sulfate
 Barium Bromide
 Barium Chloride
 Barium Fluoride
 Barium Sulfate- PG I & II
 Cadmium Bromide
 Cadmium Chloride
 Cadmium Fluoride
 Cadmium Iodide
 Fluorosilicates
 Lead Chloride
 Lead Fluoride
 Lead Fluorosilicate
 Lead Sulfate
 Lead Thiosulfate
 Potassium Fluoride
 Sodium Fluoride

Other Acid Compatible

Treatment Material

Stannous Sulfates **RED**
 Phosphates - Acidic
 Inorganic Fluorides (except HF)
 Inorganic Chlorides
 Inorganic Bromides
 Inorganic Iodides
 Hydrazine Sulfate **RED**

Comments:

1. Do not pack 'OXY' material with 'RED' & organic materials.
2. No mercury containing salts or solutions.
3. No ammonia/ ammonium compounds – pack for incineration
4. No nickel compounds – pack for incineration
5. No debris – pack for incineration
6. No more than 5% complexing (chelating agents) EDTA, hydroquinone etc.
7. Material must be between ½ pint to 5 gallon size
8. Contact TechServices when greater than 20 lbs. of heavy metal solids are encountered

LAT-B: Lab Pack Basic & Basic Compatibles for Aqueous Treatment**Division 8**

Alkaline Cleaners (No Organics)
Alkaline Inorganic Waste
Alkaline Phosphate/Hypophosphite/Polyphosphate Solutions
Cesium Hydroxide
Calcium Oxide
Lithium Hydroxide
Potassium Hydroxide
Sodium Chlorite Solution (With > 5% Avail. Cl₂) - **OXY**
Sodium Hydroxide
Liquid bleach
Hypochlorite Solution - **OXY**

- Sodium Hypochlorite
- Lithium Hypochlorite

Division 6.1

†Antimony, Arsenic, Barium, Beryllium, Cadmium, Lead, Selenium Salts
Vanadium Trioxide
Sodium Oxalate

Other Alkaline Compatible Material Suitable For Treatment

Sodium Sulfite (Ph 10.1) of Solution **RED**
†Tungstates/Titanates/Carbonates/Bicarbonates/Hydroxides/Phosphates/
Phosphites/Hypophosphites/Borates/Vanadates
Alkaline Developers (with Hydroquinone)
Silver Based Developer
Bleach - **OXY**

Comments:

1. Do not pack 'OXY' with 'RED' & organic material.
2. No mercury salts & solutions
3. No ammonia/ ammonium compounds – pack for incineration
4. No nickel compounds – pack for incineration
5. No debris – pack for incineration
6. Bleach/hypochlorite and chlorite solutions must be packed in poly drums only
- Fiber/ cardboard drums are not authorized.
7. No more than 5% complexing (chelating agents) EDTA, hydroquinone etc.
8. Material must be between ½ pint to 5 gallon size
9. Contact TechServices when > 20 lbs. heavy metal solids are encountered.
10. † Water soluble salts only.

LAT-C: Lab Pack Organics for Aqueous Treatment**Division 8**

Acetic Acid (D002) (Flash point >140 [glacial acetic acid must be packed LCCR-C]) Ascorbic Acid

Division 6.1

†Antimony, Arsenic, Barium, Beryllium, Cadmium, Lead, Selenium Salts
Acetates/Oxalates/Tartarates/Citrates
Antimony Lactate
Antimony Potassium Tartrate
Oxalates (Water Soluble)
Sodium Chloroacetate

Others Organic Salts Suitable For Treatment

Acetates Citrates Fructose
Glucose/Gluconates Lactates
Lactose Oxalic Acid Sucrose
Tartarates/Bitartrates Salicylates

Comments:

1. Do not pack 'OXY' with 'RED' & organic material.
2. No mercury salts & solutions
3. No ammonia/ ammonium compounds – pack for incineration
4. No nickel compounds – pack for incineration
5. No debris – pack for incineration
6. No more than 5% complexing (chelating agents) EDTA, hydroquinone etc.
7. Material must be between ½ pint to 5 gallon size
8. Contact TechServices when > 20 lbs. heavy metal solids are encountered.
9. † Water soluble salts only.

LAT-O: Lab Pack Oxidizers for Aqueous Treatment

CAUTION: Many oxidizers are incompatible with other oxidizers (such as acidic and nitrate-bearing oxidizers [acid-base]). Use chemical knowledge or references to ensure compatibility.

Division 5.1 Acidic compatible

Chromic Acid (Solid) Dichromates
Hydrogen peroxide (< 30%) Perchlorates Permanganates
Persulfates
Inorganic Acidic Oxidizing Solutions

Division 5.1 Alkaline compatible

Nitrates (EXCEPT Ammonium nitrate) Bromates
Ceric Sulfate Chlorates Iodates
Solid Bleach/hypochlorite solid

- n-Bromo-n-chlorodimethylhydantoin
- Calcium hypochlorite (cannot be packed with Isocyanuric acid based oxidizers)

Comments:

1. Oxidizers must be packed in poly or metal with molded poly liner containers only.
2. Oxidizers are forbidden in wooden, cardboard, or fiber containers
3. No mercury salts & solutions
4. No ammonia/ ammonium compounds – pack for incineration
5. No nickel compounds – pack for incineration
6. No organic material/fine metal contamination.
7. No debris – pack for incineration
8. Do not pack nitrates with acids
9. Do not mix ammoniated compounds with any form of bleach/hypochlorites.
10. Do not pack liquid or solid Calcium Hypochlorite w/ Isocyanuric acid oxidizers
11. Material must be between ½ pint to 5 gallon size
12. Metal Peroxide must be pack alone, see LRCT-O
13. No Pool Chemical Tablets – Pool chemicals must pack as LCCR-O
14. Ammonium Permanganate is **FORBIDDEN** to transport per DOT
15. NFPA oxidizer classification must be listed on packing slip
16. Hydrogen Peroxide >30% must pack alone, see LRCT-O
17. Ammonium nitrate must pack alone, see LRCT-O

Acidic Oxidizers

Perchlorates
Persulfates
Permanganate

Basic Oxidizers

Chlorates
Sulfates
Nitrates

LCCR: Lab Pack for Incineration**LCCR-A: Lab Pack Acid & Acid Compatibles for Incineration****Division 8**

Inorganic Acids/ Organic Waste Inorganic Acids / Spill Debris
Nitric Acid >50% (not red fuming) OXY

Division 6.1

Ammonium Arsenate
Ammonium Fluoride
Ammonium Hydrogen Fluoride
Ammonium Hydrogen Sulfate
Ammonium Vanadate
Cadmium
Ammonium Bromide
Hydrogen Fluoride/Hydrofluoric Acid (HF) *
Lead Phosphate
Thallium Chloride
Thallium Iodide
Thallium Oxide
Thallium Selenide
Thallium (I) Sulfate
Thallium (II) Sulfate
Vanadium Pentoxide
Vanadyl Trioxide

Others Acid Compatible Material

Silver Oxide
Silver Paper (Photographic)
Chromium, Silver Salts and Solutions Not Suitable For Aqueous Treatment
Hack Pillows Acidic

Comments:

1. Do not pack 'OXY' materials with 'RED' & organics.
2. HF/ Hydrogen Fluoride/ Hydrofluoric Acid must be packed alone. See notes below.
3. No mercury/ asbestos
4. Vials containing acidic material must be overpacked in a poly 2 or 5 gallon pail prior to packing into the outer container.

***Hydrogen Fluoride/ Hydrofluoric Acid (HF)**

- HF is required to be bagged and packed alone.
- Pack alone in poly containers with an inert, silica-free packing media such as Polysorb.
- The following medias should never be used:

- Vermiculite, Speedi-dri, Clay, kitty litter, sand, any organic or silica containing products.
- HF must be packed alone with "HF" written on the top lid of the container.
- HF is highly corrosive and is capable of being absorbed through the skin and destroying bone tissue. Like any chemical, caution should be taken when handling this material. Always ensure a supply of Calcium Gluconate is available when working with HF.

LCCR-B: Lab Pack Basic & Basic Compatibles for Incineration

Division 8

Amine Based Cleaners

*Ammonium Hydroxide

Alkaline Soaps & Detergents

Benzyl Dimethyl Amine

Cyclohexyl Amine

Organic Waste/ Alkaline Material

Triethanolamine

Triethylene Tetramine

Other Alkaline /Alkaline Compatible Material

Benzidine

Thioacetamide

Thiourea

Trypan Blue

Nitrobenzamine

Division 6.1

Acrylamide Aniline

Arsenates/Arsenites

Cyanide Solutions/Mixtures

Sodium Cacodylate

a-Naphthylamine

b-Naphthylamine

a-Naphthyl Thiourea

Nickel Cyanide

Nicotine & Salts

Phenacetin (p-Acetophenatidide)

Phenyl Hydrazine

Potassium Cupro Cyanide

Thiocyanate Ferro/Ferri Cyanides

Thiosemicarbazide

Thallium Carbonate

Thallium Oxide

Toluene Diamine

Xylidines

Comments:

1. Contact TechServices when large amount of heavy metal salts/cyanides are encountered.
2. No asbestos/ mercury
3. Do not pack ammonia with bleach/ hypochlorites
4. Bleach/hypochlorite and chlorite solutions must be packed in poly drums only
- Fiber/ cardboard drums are not authorized.

LCCR-C: Lab Pack Organics for Incineration**Division 8**

Acetic Acid, Glacial
Allyl Isothiocyanate, stabilized
Acetyl Iodide
Acrylic Acid*
Amyl Acid Phosphate
Bromoacetic Acid, Solution
Butyl Acid Phosphate
Butyric Acid
Butyric Anhydride
Crotonic Acid Liquid
Dichloroacetic Acid
1,4-Dichloro-2-Butene
Formic Acid
Inorganic Acid/Organic Waste
*Maleic Anhydride
*Trichloro/Trifluoro/Dichloroacetic Acid
*Phthalic Anhydride
*Propionic Acid
*Ship as Waste Corrosive Solid

Division 6.1 examples

Aldrin
Benzyl Bromide
Benzyl Chloride
Cresols (o-,m-,p-)
Cacodylic Acid
Chloroacetic Acid, Liquid
Cresylic Acid
(O) 2-Chlorophenol
Dichloromethane (Methylene Chloride)
Dieldrin
P-Dichlorobenzene
Hexachloro Benzene (Perchlorobenzene)
Hexachloro-1,3-Butadiene
Lead Acetate
London Purple

Methylene Chloride
Methyl Parathion
Nitrobenzene
p-Nitrophenol
Pentachloroethane
Phenol (Pt or Less Liquids)
Phenyl Chloroformate
Resorcinol
Toluene Diisocyanate

Other Regulated Organic Material

Bromoacetone (PIH ZONE B II)
Chlordane
Creosote
Chloronaphthalene
Ethidium Bromide
Ethidium Bromide Contaminated Waste
Dichlorophenol
Diethyl Phthalate
Dimethyl Phthalate
Endrin
Endosulfan
Formaldehyde, with parts/ Formaldehyde
Heptachlor
BHC (Benzenehexachloride, a.k.a. Lindane)
Mitomycin C
1,4-Napthaquinone
Pentachlorobenzene
Saccharin & Salts
o-Toluidine Hydrochloride

Other

Non-PCB Ballasts, Capacitors,
Switches and/or additional articles

Comments:

1. Caution- isocyanates are typically water reactive, do not pack with aqueous solutions.
2. Pack concentrated organic/mineral acid solutions separately
3. Fertilizers must be packed separate from all other materials, including pesticides.
4. Vials containing acidic material must be overpacked in a poly 2 or 5 gallon pail prior to packing into the outer container.
5. See code LRCT-B for Toxic, Division 6.1, PGI and reactive metal cyanides
6. NON-PCB Ballasts, Capacitors, Switches requested by generator to be landfilled using drum disposal code D80L

LCCR-D: Lab Pack Flammables for Incineration

Division 3

Acidic

Acetaldehyde
 Allyl Bromide (3, 6.1)
 Allyl Chloride (3, 6.1)
 Allyl formate (3, 6.1)
 Allyl Compounds (Flammable)
 n-Butyl methacrylate
 Diethyl Carbonate
 Ethyl Acrylate, Inhibited
 Ethyl Methacrylate
 Flammable solvents <1 pint
 Isobutyryl Chloride (3, 8)
 *Methyl Methacrylate Monomer, Inhibited

Alkaline

Butyl Mercaptans
 Carbon Disulfide (3, 6.1)
 Dimethylamine Solution
 Dimethyl Sulfide
 Dimethyl Ethanolamine
 N, N-Dimethyl Formamide
 Dipropylamine
 Flammable Amines
 Flammable Mercaptans (thiols) (3, 6.1)
 Flammable Solvents/Alkaline Waste
 Furfurylamine
 Hexamethyleneimine (3, 8)

Methyl Amine, aqueous solution (3, 8)
 Morpholine
 2-Picoline
 Piperidine
 N-Propylamine Propyleneimine, Inhibited
 (2- Methylaziridine)
 Pyridine
 Pyrrolidine
 Thiophene

Neutral

*Acrylonitrile, Inhibited (3, 6.1)
 Crotonylene
 *Diethyl Ether
 Formalin Solutions (<Pt)
 *Furan (Furfuran, Tetrol)
 Furfural (Furfuraldehyde)
 Isocyanates (Flammable) (3,6.1)
 Methacrylonitrile, inhibited
 ‡ Nitroethane/Nitromethane
 *Styrene (Solid acceptable for shipment)
 *Vinyl acetate
 *Vinyl pyridine

Division 4.1

ZIPPO Lighters (see Lighter SOP)
☐ Fusee (railway or highway)
 Flammable Solids not D003

Comments:

1. * Peroxides Former or Monomer – Peroxidizable or Polymerizable Compound Evaluation Form required. Contact Technical Services for information regarding potential peroxide formers and monomers.
2. ‡ - Pack with neutral material only with excess amount of packing material
3. ☐ Fusee (railway or highway) packing requirements:
 - Pack alone
 - No aerial flares or other signaling devices classified as explosive per DOT
 - 1A2 steel 5G pails rated for liquids must be utilized
 - Place Fusee in pail with water and allow to soak for minimum 1 hour.
 - After 1 hour Fusee must be broken in half, under water.
 - No more than 10 Fusees per 5G pail.
 - No more than 3 gallons water per 5G pail.
 - 1A2 5G pail must be overpacked into 16G drum or greater or 5G pail must be profiled.
 - Shipping description: NA1325, PGII. RCRA: D001

LCCR-I: Lab Pack Required To Be Packaged Alone Per DOT

(May not be lab packed per 49 CFR 173.12(b)(3))

PIH Zone A

Acrolein, inhibited (P003)
 Allyl Chloroformate (allyl chloro carbonate)
 Aziridine (ethyleneimine)
 Bromine or Bromine solutions
 Iron pentacarbonyl
 Methyl Chloroformate
 Methyl Chloromethyl Ether
 Methyl Hydrazine
 Methyl Isocyanate
 Phenyl isocyanate (phenyl carbimide)
 Sulfuryl Chloride
 Trichloroacetyl chloride

PIH Zone B

Acetone Cyanohydrin, stabilized
 Allyl Alcohol
 Arsenic Trichloride
 Boron Tribromide
 n-Butyl Chloroformate
 sec-Butyl Chloroformate
 Chloroacetaldehyde
 Chloroacetonitrile
 Chloroacetyl Chloride
 Chloropicrin
 Chloropivaloyl Chloride
 Chlorosulfonic acid
 Cyclohexyl isocyanate

3,5- Dichloro trifluoro -2,4,6-pyridine
 1,1-Dimethylhydrazine (unsym)
 Dimethyl Sulfate
 Ethyl Chloroformate
 Ethyl Dichloroarsine
 Ethylene Chlorohydrin
 Epichlorohydrin
 Ethylene Dibromide **a.k.a Dibromethane**
 Ethyl Phosphonothionic Dichloride, anhydrous
 Ethyl Phosphonous Dichloride, anhydrous
 Ethyl Phosphorodichloridate
 Hexachloro Cyclopentadiene
 Isobutyl Chloroformate
 Methyl Bromide
 Methyl Dichloroarsine
 Methyl Iodide
 Methyl Phosphonic Dichloride
 Nitric Acid, red fuming
 t-Octyl Mercaptan
 Perchloromethyl Mercaptan
 Trichloromethyl Sulfenyl Chloride
 Phenyl Mercaptan (Thiophenol)
 Phosphorous Trichloride
 n- Propyl Chloroformate
 Sulfur Trioxide
 Thiophosgene
 Trimethyl Acetyl Chloride
 Trimethoxysilane

Comments:

1. DOT Special Permit is required for all "Zone A" materials
2. Contact TechServices when large amount of material is encountered
3. Combination packaging required per 49CFR173.226 and .227

LCCR-N: Lab Pack Non-Hazardous For Incineration

This category is only to be used for jobs where non-hazardous incineration has been quoted or is required under the contract.

Adhesives (Non RCRA)
Aqueous Synthetic Cleaners
Driveway Sealer (Non RCRA)
Empty Containers
Household Products (Non RCRA)
Inks (Non RCRA)
Joint Compounds (No Asbestos or Fiberglass)
Latex Paint
Non Regulated Pharmaceuticals
Petroleum Based Ink
Petroleum Based Wax
Polyethylene Based Wax
Polyacrylic Wax
Soaps
Water Based Ink

Comments:

1. No RCRA toxic or TCLP metals (no P, U, K, F, or D codes)
2. No organic solvents
3. No hazardous characteristics
4. No asbestos/ fiberglass
5. No isocyanates/ part-B resins

LCCR-O: Lab Pack Oxidizers for Incineration

CAUTION: Many oxidizers are incompatible with other oxidizers (such as acidic and nitrate-bearing oxidizers [acid-base]). Use chemical knowledge or references to ensure compatibility.

Division 5.1

Ammonium compounds*
Organic oxidizers (pack separately from inorganic oxidizers)
Oxidizer Contaminated Debris
Pool Chemical Tablets

Comments:

1. Oxidizers must be packed in poly or metal with molded poly liner containers only.
2. Oxidizers are forbidden in wooden, cardboard, or fiber containers.
3. Separate acidic and alkaline material.
4. See also LRCT-O for reactive oxidizers and NFPA class 4 oxidizers.
5. *Ammonium Nitrate must pack alone as LRCTO
6. NFPA oxidizer classification must be listed on packing slip. See NFPA Oxidizer Class Ratings for NFPA class

LCCR-P: Lab Pack Dioxin and Dioxin Precursors**Division 3**

Flammable mixtures containing “penta” potential dioxin formers.

Division 6.1

Sodium Pentachlorophenate (F027)
Tetrachlorophenoxy Acetic Acid (F027)
Trichlorophenol (F027)
2,4,5-Trichlorophenoxy Acetic Acid (2,4,5-T) (F027)
Silvex (F027)

Comments:

1. Pack solids separate from liquids.
2. Generator must approve of Spring Grove (SG) inbound then Clean Harbors Canada-Ryley (RY) and Earth Tech (Canada) Inc. located in Swan Hills, Alberta (SE0780) for outbound facilities.
3. Gross weight of material must be recorded on CleanPack Job Sheet.

LCCR-Q: Lab Pack Aerosols for Incineration**Division 2.1 & 2.2:**

Freon Based Aerosols
Lindane Based Rose Spray
Pesticide Based Aerosols
Petroleum Distillate Based Spray
Paints
Pyrethrin Based Bug Spray
Mace*
Pepper Spray*

Comments:

1. Packing lists are required.
2. Separate aerosols containing fluorocarbons (over 20 cans).
3. F027 is not acceptable.
4. Do not use vermiculite.
5. Each aerosol container must be secured with a cap to protect the valve stem or the valve nozzle must be removed
6. * Must be packed alone, ship as UN1950, Aerosols, 2.2.
7. If Aerosols are <66 pounds and the shipping name includes “limited quantities” then the words “INSIDE CONTAINERS COMPLY WITH PRESCRIBED REGULATIONS” not required on outside container. If container is >66 pounds would require “INSIDE CONTAINERS COMPLY WITH PRESCRIBED REGULATIONS” on outside container.

LCCR-S: Lab Pack Scintillation Vials for Incineration**Division 3**

Toluene, xylene, or trimethylbenzene based scintillation fluid
Other solvent/alcohol based scintillation vials

Division 6.1

Non-flammable/toxic scintillation cocktail

Comments:

1. Materials may not be radioactive by EPA/DOT
2. All shipments must contain a signed copy of the Scintillation Fluid Disposal Agreement Form
3. Material must be less than 0.002 microcuries per gram

LCCR-U: Lab Pack Unknowns for Incineration

(Unknowns Chemist Certification Required – Contact your Regional CleanPack Coordinator for approval)

Division 3

- Acidic
- Alkaline
- Neutral

Division 4.1**Division 4.2****Division 4.3**

- Acidic
- Alkaline

Division 5.1

- Acidic
- Alkaline
- Neutral

Division 6.1

- Cyanide containing unknowns
- Sulfide containing unknowns

Division 8

- Acidic unknowns
- Alkaline unknowns

Limitations:

1. Unknowns require completed fingerprint sheets along with completed packing lists

LCCR-X: Lab Pack Non-Infectious Sharps for Incineration**Non-D.O.T. regulated:**

Injection syringes for resins/adhesives
Unused needles

Comments:

1. Must be non-infectious, not used on humans.
2. Syringes must be overpacked with a puncture resistant inner container prior to packaging in drums.
3. Materials to Deer Park must be profiled (D20R) with a non-infectious certification.
4. Materials are restricted from Chicago - The state of Illinois views this material as Potentially Infectious Medical Waste [P.I.M.W.] and they may not be transported without special permits.
5. Contact TechServices for guidance on used or infectious materials.
6. Contact CPG prior to shipment for restrictions

LRCT: Lab Pack Reactives for Incineration**LRCT-A: Lab pack Reactive Acid & Acid Compatibles for Incineration****Division 8**

Aluminum Chloride
Aluminum Trichloride
Aluminum Trifluoride
Aluminum Tribromide
Antimony Trichloride
Antimony Trifluoride
Antimony Tribromide
Boron Trifluoride Solution
* Perchloric Acid (50% or Less by Mass) (8, 5.1) OXY
Phosphorus Pentoxide
Selenium Oxychloride
Stannic Chloride
Tetrachlorosilane
Thionyl Chloride
Vanadium Tribromide

Comments

1. * Perchloric acid must be "packed alone"
2. Overpack/polybag these items before shipping.
3. Contact TechServices when large amount of reactive chemicals are encountered.
4. Any reactive PIH material should be packaged as LCCRI following packaging requirements per 49 CFR 173.226 & 173.227

LRCT-B: Lab Pack Reactive Basic & Basic Compatibles for Incineration**Division 6.1**

Azides (Azide Evaluation Form Required)
Barium Sulfides
Beryllium Dust
Cadmium Sulfide
Calcium Sulfide
Dinitroaniline
Metal Cyanides (Sodium, Potassium, Lead, etc.)

Pack materials below only with other approved azides

- Azides (Pack in poly containers only. No poly lined metal containers. Do not pack with metals or metal salts!!). Azide Evaluation form must be approved prior to shipment
- Azide Solution pH > 7 (Pack in poly containers only. No poly lined metal containers. Do not pack with metals or metal salts!!). Azide Evaluation form must be approved prior to shipment.

Division 8**Ammonium Sulfide**

Hydrazine, Hydrate, Anhydrous - RED (AG can accept in concentrations of <30%, <1-gallon, DE can accept < 20% <1-gallon, EL can accept > 50% < 1-gallon Max Size, > 1-gallon handled CBC)

Ammonium Polysulfide Solution - RED

Potassium Sulfide Solution (>30% H₂O) - RED

Sodium Sulfide Solution (>30% H₂O) -RED

Sodium Hydrosulfide Solution (>25%) -RED

Other Alkaline Reactive Material

4-(2,4-Dinitroanilino) Phenol

Chloro Dinitro Pyridine

2-(2,4-Dinitro Benzyl) Pyridine

2-(2,4-Dinitroethyl) Aniline

3,5-Dinitro-o-Toluinide

Comments:

1. Contact TechServices when large amount of reactive material are encountered
2. Azides Evaluation Forms are required for all azides prior to shipment
3. Pseudocyanides meeting definition of D003 may also be packed in this category.

LRCT-C: Lab Pack Reactive Organics for Incineration**Division 8**

Allyl Trichlorosilane

Amyl Trichlorosilane (Pentyl Trichlorosilane)

Anisoyl Chloride

Benzene Sulfonyl Chloride

Benzotrichloride (Toluenetrichloride / Phenyl Chloroform)

Benzoyl Chloride

Benzyl Chloroformate (Benzyl Chloro Carbonate)

Boron Trifluoride, Acetic Acid Complex

Boron Trifluoride Propionic Acid Complex (PGII)

Bromoacetyl Bromide

Butyl Trichlorosilane

Chlorophenyl Trichlorosilane C

Cyclohexenyl Trichlorosilane

Dibenzyl Dichlorosilane

Dichloroacetyl Chloride

Diisopropyl Fluorophosphate

Organic -oyl Chlorides, Non-Flammable

Organic Silanes, Non-Flammable

Division 6.1

Chlorodinitrobenzene(s)
Dinitro-o-Cresol, Solid
Dinitro-o-Cresol, Solution
o,m,p-Dinitrobenzenes, Solid/Liquid
Dinitrophenol Solutions (No Solids)
2,6-Dinitrotoluene
2,4-Dinitrotoluene

Other Reactive Organic Material

Difluorodinitrobenzene
4,6-Dinitro-m-Benzene
2,4-Dinitro-1-Naphthol Sulfonic Acid
Dinitroanisole
* 2,4-Dinitrobenzene Sulfonyl Chloride
2,4-Dinitrobenzoic Acid
3,4-Dinitrobenzoic Acid
3,5-Dinitrobenzoic Acid
*3,5-Dinitrobenzotrifluoride
3,5-Dinitrobenzoyl-n-Phenyl Glycine
*3,5-Dinitrobenzoyl Chloride
3,5-Dinitrobenzyl Alcohol
*3,5-Dinitrobenzyl Chloride 2,2-Dinitro Biphenyl
2,6-Dinitro-p-Cresol
2,4-Dinitrocyclohexyl Phenol
*2,4-Dinitrofluorobenzene 2,4-Dinitrosalicylic Acid
3,5 -Dinitrosalicylic Acid -Lead Salt (FORBIDDEN)

Comments:

1. Do not wet these dinitro compounds, addition of water may liberate heat & toxic fumes and is strictly forbidden.
2. Do not pack concentrated acid material with neutral/ aqueous material (e.g. wetted polynitrated compounds)
3. Overpack/ polybag reactive acidic material
4. Contact TechServices when large quantity of reactive materials are encountered

LRCT-D: Lab Pack Reactive Flammables for Incineration**Division 3-Reactive Flammable Liquids**

Flammable Chlorosilanes
Flammable -Oyl Chlorides
Methyl Trichlorosilane
Organic Nitrates
Collodion

Division 4.1 Hydrophilic Material

Borneol
2-Amino 4,6 Dinitrophenol (Picramic Acid)
>20% Water by Mass

4-Nitrophenyl Hydrazine >30% Water by Mass
 2,4-Dinitrophenyl Hydrazine >30% Water by Mass
 1-Hydroxybenzotriazole, anhydrous
 >20% Water by Mass (<20% Explosive)
 Dinitrophenol (>15% Water by Mass)
 Dinitronaphthalene (1,5- & 1,8- Isomers)
 2,4-Dinitroresorcinol
 Hexamine
 *Picric Acid (>30% Water, defined by visible free flowing liquid)
 Zirconium (>25% Water, Visible Excess)

Division 4.1 Hydrophobic

Cerium, Slabs, Ingots & Rods
 Decaborane
 Metal Powders (Bismuth, Boron, Iron Etc.)
 Metal Resinates
 Phosphorous, Amorphous (Red)
 Titanium Hydride
 Zirconium Hydride
 Organic Nitrates & Perchlorates
 Collodion Solids
 Parlodion Solids (Wetted >30% Water)
 Nitrocellulose (Wetted >25%)
 Nitrocellulose Film (Wetted >25%)

Division 4.2, PGI **

Aluminum Alkyl Halides
 Aluminum Alkyl Hydrides
 Aluminum Alkyls
 Aluminum Borohydride
 Diethyl Zinc
 Magnesium Alkyls
 Pentaborane
 Phosphorous, White or Yellow
 Titanium Trichloride

Division 4.2 Hydrophobic PG II & III

Calcium Hydrosulfite (Dithionite)
 Magnesium Diamide
 Sodium Hydrosulfite
 Sodium Methylate
 Titanium Powder, Dry
 Zirconium Scrap, Sheets, Strip or Wire

Division 4.2 Hydrophilic PGII & III

Potassium Sulfide (Less Than 30% Water Of Crystallization)
 Raney Nickel
 Sodium Sulfide (Less Than 30% Water Of Crystallization)

Division 4.3 - Water reactive***

Aluminum Carbide
 Aluminum Hydride

Boron trifluoride dimethyl etherate
 Borane-THF Complex (Eval Required)
 Calcium Hydride
 Ethyldichlorosilane
 Magnesium Phosphide
 Methyldichlorosilane
 Thermites
 Trichlorosilane

Comments:

1. Call Technical Services when large amount of reactives are encountered
2. Cannot accept reactive lithium compounds through Self Pack program. See LITHL
3. Do not pack organic nitrates with other organic material (including other organic nitrates) Reference DOT book as many organic perchlorates are forbidden to transport.
4. * Picric Acid Evaluation Form must be approved prior to shipment. Pack Picric Acid alone.
 - a. Picric Acid synonyms include: 2,4,6-Trinitrophenol, Picronitric Acid, Carbazotic Acid, and Nitroxanthic Acid. Must have a visible water layer in order to ship.
5. Borane-THF Complex requires evaluation form and approval prior to shipment.
6. Alkali metals and Alkali Earth metals must ship as LA99H only.

7. **4.2 PGI material must be packaged in a UN standard steel or plastic drum rated for packing group I performance for liquids and solids.
 - a. Note that 4.2 PGI material is restricted from the Aragonite (AG) facility.
8. *** Note that CHES Aragonite may not accept 4.3 material in > 4.3 L inner containers.
9. \$Thermite must be packed alone in 1 lb. inner charge sizes when shipped to EL or AG as 4.3 material
 - a. If shipped to DE Thermit must be 1 lb. charge sizes per outer container packed in sand.
 - b. Thermite Igniters (Magnesium) packed separately under water – Max 1-gallon charge EL/DE/AG shipped as 4.1 material.

LRCT-O: Lab Pack Reactive Oxidizers for Incineration

CAUTION: Many oxidizers are incompatible with other oxidizers (such as acidic and nitrate-bearing oxidizers [acid-base]). Use chemical knowledge or references to ensure compatibility.

Division 5.1 - Reactive Acidic Oxidizing Material

Perchloric Acid (Up To 72% by Mass)

- Forms explosive salts when contaminated with metals
- Keep separate from metals and metal salts.
- Do not package in metal container.

Hydrogen peroxide >30%

Peroxides (Superoxides) of Barium, Calcium, Cesium, Potassium & Sodium.

Urea Peroxide- Pack Alone

Division 5.1 - Reactive Alkaline Oxidizing Material

Ammonium Nitrate (with not more than 0.2% combustible substances, per DOT) Pack Alone

Comments:

1. Oxidizers must be packed in poly or metal with molded poly liner containers only.
2. Oxidizers are forbidden in wooden, cardboard, or fiber containers.
3. No organic contamination.
4. Contact TechServices when large quantity (>5lbs containers are encountered).
5. Tetranitromethane, Ammonium Perchlorate, Guanidine Nitrate, and Hydrogen Peroxide Stabilized must be packed alone in < 10 lb. charges and require Class 4 Oxidizer evaluation form and approval prior to shipment.
6. NFPA Oxidizer class must be noted in comment section. See NFPA Oxidizer Class Ratings for NFPA class

Division 5.2 - Organic Peroxides

Benzoyl Peroxide

Butyl Hydroperoxide

Butyl Isopropyl Benzene Peroxide

Butyl Peroxy Benzoate

Cumene Peroxide

Dodecanoyl Peroxide

Etc. See 49CFR173.225

Comments:

1. Reference Organic Peroxide Section 3 of CleanPack Manual for acceptable concentrations & proper shipping name.
2. Lab packing Organic Peroxides now permitted in Canada and U.S.
3. Pack all different organic peroxide types separately (e.g. Type C, Type D etc.)
4. Type A or B organic peroxides are not acceptable
5. Temperature controlled/ explosive material NOT acceptable.
6. Contact Tech Services to Technical Services when large quantity (>5lbs or 1/2 gallon size containers are encountered)
7. No organic contamination.
8. NFPA oxidizer classification must be listed on packing slip

LRCT-Q: Lab Pack Reactive Compressed Gas Cartridge for Incineration**Division 2.1, 2.2, 2.3:**

Carbon dioxide cartridges

*Ethylene dioxide

*Methyl bromide Nitrous oxide Oxygen

Lighters – Butane Gas and BIC Lighters SP 13179 required when shipping. Must comply with all requirements listed in exemption. Consult SP 13179/Lighter Training Module.

Comments:

1. * - PIH material, Zone C
2. Contact TechServices for special handling when large amounts of material is encountered.
3. Use vermiculite or other appropriate packing material.

LA99H: Lab Pack Alkali Metals Kiln Ready for Incineration**Division 4.1 and 4.3: Alkali Metals**

Aluminum
Barium
Calcium
Cesium
Magnesium
* Potassium
Rubidium
Sodium
Zinc

*Forms peroxides – peroxide evaluation form required for all materials that can potentially form peroxides. See section 7 of the CleanPack Manual or contact Technical Services for information regarding potential peroxide formers.

Comments:

1. Cannot accept reactive lithium compounds through Custom Pack program. See LITHL
2. LA99H material must be manifested direct either AG or EL only

**Clean Harbors Aragonite, LLC 1160
North Aptus Road Aragonite, UT 84029
EPA: UTD981552177**

**Clean Harbors El Dorado, LLC
309 American Circle
El Dorado, AR 71730 EPA:
ARD069748192**

3. Maximum 5 pound of material per inner container
4. Solid material in any concentration must be packed under mineral oil. (Inside Lab Pack item as well as inner container)
 - a. Material must remain completely submerged within mineral oil, thus eliminating the potential of being exposed to air and moisture during shipment. If material is dry, contact Tech Services to determine how mineral oil should be added prior to shipping material. If situation requires further evaluation, contact H&S.
5. Free liquid (mineral oil) must be < 3gallons per inner container.
6. Outer container must be steel and UN rated for the packaged material
7. All void space in the outer container must be filled with vermiculite
8. Containers must be securely closed.
9. Waste containing un-oiled 4.3 metal powders that may present an airborne explosion risk must be referred to the HHRG for approval.
10. Broken Lithium batteries:
 - a. See LITHL

LITHL: Reactive Lithium Lab pack for Direct Ship Pick-up

Examples

Elemental Lithium

Reactive lithium compounds

*Broken Lithium Batteries

- Reactive Lithium Compounds cannot be approved through standard Self Pack process.

Comments:

1. Cannot accept reactive lithium compounds through Self Pack program.
2. Reactive Lithium Compounds Evaluation Form required for all shipments.
3. Contact your local Account Manager or Customer Service Rep for more information
4. Manifest to Clean Harbors El Dorado ONLY.
 - a. **Clean Harbors El Dorado, LLC**
309 American Circle El Dorado, AR 71730
EPA ID # ARD069748192
Phone # 870-863-7173

LCCS: Lab Pack for Stabilization**Acceptable material:**

Arsenic Acid (H₃AsO₄) - P010

Arsenic Pentoxide (Arsenic Oxide AS₂O₅) - P011

Arsenic Trioxide (Arsenic Oxide AS₂O₃) - P012

Comments:

1. Restrictions – Final disposal is Lone Mountain (LG) or Buttonwillow (BL)
2. Restrictions – Landfill disposal must be approved.
3. Restrictions – Lone Mountain (LG) or Buttonwillow (BL) must be approved
4. LG- Lone Mountain will not accept Lab Packs. Must be profiled to LG or sent as lab pack to Reidsville (RD)

LCCSR: Lead Metal for Recycling**Acceptable material:**

Lead – ingots, sheets, aprons, etc.

Preferred Final Disposal Facilities

(TO0148) Retrieve - Ohio

Kinsbursky Brothers Inc (KI0181)

ECS Refining-CA (ECS0121)

Secondary Final Disposal Facilities

ECS Refining-TX (EC0071) – Cannot accept D008

Advanced Env Recycling Corp (AERCPA)

Inmetco (INMETC)

Exide Batteries – GNB (GN1204) – Cannot accept D008

Newalta Industrial Services Inc (NOV075, or NOV1372 if in Canada)

Falconbridge Limited - Brunswick Smelter Canada Only! (FA0664)

Comments:

1. D008 does not apply for scrap lead being recycled per 40 CFR 261.6(a)(3)(iii).
2. Lead metal only. No solutions or compounds.
3. Restrictions- Lead recycling outlet must be approved.

LFB: Lab Pack for Fuels Blending**LFB1: Lab Pack for Fuels Blending****Division 3**

Acetone

Acetonitrile (Methyl Cyanide)

Alcohols: including but not limited to:

- Butanol
- Isobutanol
- Cyclohexanol
- Ethanol
- Isopropanol
- Propanol
- Methanol

Amyl Acetate

Benzene

Butanol (N-Butyl Alcohol)

Butyl Acetate

Cyclohexane

Cyclohexanone

Dichloropropane

Dichloropropene (1,3-Dichloropropylene)

Diisobutyl Ketone

Ethyl Acetate

Ethyl Benzene

Ethyl Butyl Ketone

Formaldehyde

Formalin (no animal parts)

Furfural

Gasoline (D001, D018)

Heptane

Hexane

Inks and toners

Isobutyl Acetate

Isobutyl Alcohol

Isobutyl Propyl Acetate

Isopropyl Acetate

Kerosene

Lacquer Thinner

Methanol

Methyl Acetate

Methyl Cyanide (Acetonitrile)

Methyl Ethyl Ketone

Methyl Isoamyl Ketone

Methyl Isobutyl Ketone (U161)

Mineral Spirits

Nitrobenzene

Nitropropane, (2-)

Octane

Octanol

Oil

Pentanone

Petroleum Ether (naphtha)

Petroleum Oils

Petroleum distillate based...

Propyl Acetate

Propylene Dichloride

(1,2- Dichloropropane)

Toluene

Trichlorobromomethane

Trichloropropane

Xylene

LFB1 - Lab Pack for Fuels Blending (continued)

Division 6.1

Alcohols: including but not limited to:

- glycols (ethylene and propylene)
- Phenol

Aniline

Butoxyethanol

Bromoform (Tribromomethane)

Carbon Tetrachloride

Chlorobenzene

Chloroform

Dichlorobenzene, (o-)

Dichloroethane

Perchloroethylene (Tetrachloroethylene)

Perchloromethane (Carbon Tetrachloride)

Petroleum oils (FP > 140F)

Phenol (solutions only)

Tetrachloroethane (1,1,1,2- & 1,1,2,2-)

Tetrachlorofluoromethane (Freon 111)

Tetrachloroethylene (Perchloroethylene)

Trichlorobenzenes, Liquid

Trichloroethane (1,1,1- & 1,1,2-)

Trichloroethylene (1,1,1- & 1,1,2-)

Trichlorotrifluoroethane (Freon 113)

Vegetable oils (excluding cashew oil)

Dichloromethane/Methylene Chloride
(Solutions with <20%)

Dimethylsulfoxide (DMSO)

Dipropylene Glycol Methyl Ether

Hexachloroethane

Ink and toners (non-flammable)

Kerosene (FP > 140° F)

Methylene Chloride (Solutions with <20%)

Nitroaniline

Nitrobenzene

Oil

Other Material Suitable For Fuels Blending

Dibutylphthalate

m-Dichlorobenzene

Dimethyl Sulfoxide

Dipropylene Glycol Methyl Ether

Glycols

Hexachloroethane

Trichloropropane

Trichlorotrifluoroethane

Comments:

1. Material in differing primary hazard classes must be packed separately
2. Material must be between ½ pint to 5 gallon size
3. pH must be between 4-10
4. Must have high BTU value
5. No high odor compounds (amines/thiols/mercaptans)
6. No solids
7. No peroxide forming compounds, see LCCR-D
8. No RCRA metals
9. No RCRA "P" listed wastes

LFB3: Lab Pack Latex Paint for Recycling**Latex Paints**

Solids
Semisolids
Caulks
Liquids

Comments:

1. Only package LFB3 materials when specifically quoted or required per contract
2. Materials may be packaged in drums, cubic yard boxes or roll-offs (CYB and/or Roll-Offs Profiled)
3. DOT Special Permit is required for cubic yard boxes and roll-offs
4. No containers >5 gallons (no bulks or drums)

LFB4: Lab Pack Oil Based Paint for Recycling**Oil Based Paints**

Solids
Semisolids
Caulks
Liquids

Examples:

Acetone or Toluene based
Chromium, Cadmium or Lead based
MEK or MIBK based
Urethane, Shellac or Varnish
Combustible Paints

Unacceptable Materials

Auto paints
2 Part epoxies Creosote
Wood preservatives
Adhesives
Rubber based cement

Plasticizers
Resins
Dioxins
Bulk paint

Comments:

1. Only package LFB4 materials when specifically quoted or required per contract
2. Materials may be packaged in drums, cubic yard boxes or roll-offs (CYB and/or Roll-Offs Profiled)
3. DOT Special Permit is required for cubic yard boxes and roll-offs
4. No containers >5 gallons (no bulks or drums)

LPT: Paints and Paint Related Material

LPTP: Processable Paints and Paint Related Materials for Fuel/Incineration

Examples:

Acetone based
Chromium based
Cadmium based
Lead based
MEK based paint
MIBK based paint
Toluene based paint

Texture paints
Urethane
Combustible paint
Thompson Water Seal
Shellac
Varnish
Oil based paint
Petroleum distillate based paints
Urethane based paints

Comments:

1. No packing lists required when the waste is profiled.
2. No glass containers
3. No solid paints
4. No paints smaller than a pint
5. No PCBs (Marine, Swimming Pool, Bottom Paints, Automotive)
6. No mercury compounds
7. No pesticides (Creosote, etc.) or herbicides
8. No Thinners or solvents. Must pack as LFB1 or LCCRD.

LPTN: Non-Processable Paints and Paint Related Materials for Fuel/Incineration

Examples:

Auto paints
2 Part epoxies
Creosote
Wood preservatives
Adhesives
Rubber based cement
Plasticizers
Resins
Acetone based ink

Acrylate resins
Epoxy resin
Toners
Inks
Isocyanate based resins
Methacrylate adhesives
Petroleum distillate based
Resins/Adhesives
Styrenes (non-peroxide forming)
Toluene based resins/adhesives
Toners
Urethane based adhesives

Comments:

1. Glass containers are acceptable
2. Material must meet the definition of paint or paint related material
3. Ensure containers are closed and non-leaking
4. No PCBs (Marine, Swimming Pool, Bottom Paints)
5. No mercury compounds
6. No pesticides or herbicides

LCH: Lab Pack Polychlorinated Biphenyls (PCBs)**LCHSL: Lab Pack PCBs for Secure Chemical Landfill****Division 9**

PCB oil (<50ppm PCB)

PCB contaminated debris (<50 ppm PCB Non-TSCA. Materials in contact w/PCBs >50ppm regardless of final ppm are regulated under TSCA and may not be landfilled)

TSCA Exempt PCB ballasts

TSCA Exempt PCB capacitors

Comments

1. TSCA manifest is not required
2. Proper shipping names:
RQ, Polychlorinated Biphenyls, Liquid, 9, UN2315, PGIII (TSCA Exempt Capacitor) or
RQ, Polychlorinated, Biphenyls, Solid, 9, UN3432, PGIII (TSCA Exempt Capacitor)
Manifest and packing slip must state material is TSCA exempt!
3. State waste codes may apply. Consult Chemist Handbook or CHOICE system
4. PCBs must be manifested in kilograms (K) on Hazardous Waste manifest and TSCA manifest. 1 kilogram = 2.2 pounds
5. Capacitors and ballasts which are less than 9 pounds in weight or contain less than 3 pounds of dielectric fluid are TSCA exempt & may be sent for secure chemical landfill. TSCA regulated material must be sent for incineration.
6. Oil containing less than 50 ppm PCB is not TSCA regulated, provided that PCB material >50 ppm have not been mixed with the oil and diluted to <50 ppm.
7. Material must be a hazardous substance to be a class 9 material (must meet RQ value)
If the material does not meet the definition of a class 9 material, it is shipped as Non-DOT Regulated Material.

LCHSI: Lab Pack PCBs for Incineration**Division 9**

PCB Ballasts PCB Capacitors

PCB Contaminated Debris / Soil PCB Oil

TSCA Exempt PCBs (per customer request)

Comments

1. PCBS > 50 ppm
2. TSCA manifest or TSCA information on Hazardous Waste Manifest required.
3. All PCBs must have an out of service date. Out of service date and unique container number (serial # if transformer) must be listed on manifest and packing list! (Chemists may create an arbitrary drum/container number. Ex. 001,002,003)
4. Proper shipping name:
RQ Polychlorinated Biphenyls, Liquid, 9, UN2315, PGIII or
RQ, Polychlorinated Biphenyls, Solid, 9, UN3432, PGIII

4. Proper shipping name for PCB oil:
RQ, Polychlorinated Biphenyls, Liquid, 9, UN2315, PGIII
5. RQ for PCBs is 1 pound.
6. PCBs must be manifested in kilograms (K). 1 kilogram = 2.205 pounds
7. Capacitors and ballasts which are less than 9 pounds in weight or contain less than 3 pounds of dielectric fluid are TSCA exempt & may be sent for secure chemical landfill (Manifest and packing slip must state material is TSCA exempt!). TSCA regulated material must be sent for incineration.
8. Material must be a hazardous substance to be a class 9 material (must meet RQ value). If the material does not meet the definition of a class 9 material, it is shipped as Non-DOT Regulated Material.

LCHSR: Lab Pack Mixed PCBs & RCRA Waste for Incineration

Division 3, 6.1, 8

Acetone/ PCB Waste
Heavy Metal/ PCB Waste
Acid/ PCB Waste
Alkaline / PCB Waste
Paint Containing PCBs
Solvent Containing PCBs

Comments

1. TSCA manifest or TSCA information on Hazardous Waste Manifest required.
2. All PCB waste must have an out of service date Out of service date and unique container number (serial # if transformer) must be listed on manifest and packing list! (Chemists may create and arbitrary drum/container number.)
3. No metallic mercury.
4. Proper shipping name: ex. Hexane containing PCBs
RQ Waste Hexanes, 3, UN1208, II (Polychlorinated Biphenyls)
5. PCB must be checked off on LDR under California Listed Waste.
6. Manifest all PCB material on separate manifest line items from other waste streams.
7. PCBs must be manifested in kilograms (K). 1 kilogram = 2.2 pounds

LCHG: Mercury / Mercury Bearing Materials**LCHGM: Elemental Mercury for Long Term Storage in U.S. (By Approval Only)****Division 8:**

Elemental Mercury ONLY

Comments:

- Must have Clean Harbors Phoenix (PH) approved.
- Do not use this code unless quoted or authorization is given by Tech Services.
- LCHGM is strictly for Free Flowing Elemental Mercury. Mercury salts and solutions including debris contaminated with mercury salts and solutions should be packaged LCHG4 or 5.
- Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks.

LCHG1: Elemental Mercury for Treatment/ Stabilization**Division 8**

Elemental Mercury ONLY

Comments:

- Elemental mercury may not be exported directly from the U.S.
- Mercury to be treated in U.S. and shipped to Canada for stabilization
- Must have Clean Harbors Reidsville (RD) or Phoenix (PH) approved inbound and Bethlehem Apparatus (BTHLHM) approved outbound. Customer must also approve of landfill.
- LCHG1 is strictly for Free Flowing Elemental Mercury. Mercury salts and solutions including debris contaminated with mercury salts and solutions should be packaged LCHG4 or 5
- Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks.

LCHG2: Lab Pack Elemental Mercury for Retort to U.S.**Division 8**

Mercury Metallic Devices
Thermometers
Barometers
Regulators
Manometers
Ignitron Tubes
Metallic mercury contaminated debris
Broken mercury devices
Elemental mercury contaminated materials

LCHG2 Disposal Facilities and Acceptance Criteria:

- **Mercury Waste Solutions (MERCWI) - Union Grove, WI**
 - Limited to D009 and U151 waste codes only when shipping as LCHG2.
- **Veolia ES Technical Solutions, L.L.C. (SUP1402) - Phoenix, AZ**
 - Limited to D009 and U151 waste codes only when shipping as LCHG2.
 - No Hg salts.
 - -No high pressure hydrogen relay switches.
- **Veolia ES Technical Solutions, LLC (MIN133) - Port Washington, WI**
 - Limited to D009 and U151 waste codes only when shipping as LCHG2.
 - No Hg salts.
 - No high pressure hydrogen relay switches.
- **Bethlehem Apparatus (BETHAP) - Hellertown, PA**
 - Limited to D009 and U151 waste codes only when shipping as LCHG2.
 - If packing full 55G drums, metal drums must be used.

Comments:

1. LCHG2 is strictly for metallic mercury devices and metallic mercury contaminated materials. Mercury salts and solutions including debris contaminated with mercury salts and solutions should be packaged LCHG4 or 5.
2. Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks.

LCHG4: Lab Pack Mercury Salts and Solutions for Retort in U.S.

Division 6.1

Mercuric Chloride
 Mercuric Iodide
 Mercuric Nitrate - OXY
 Mercuric Oxide - OXY
 Mercurous Nitrate - OXY
 Mercurous Sulfate
 Mercury Bisulfate

Mercury Salts
 Mercury Cyanide*
 Mercury Perchlorate - OXY

Division 8 Acidic

COD Waste - OXY
 Mercury Salts/Acidic Waste
 Mercury Contaminated Debris

LCHG4 Disposal Facilities and Acceptance Criteria:

- **Mercury Waste Solutions (MERCWI) - Union Grove, WI**
 - Limited to D001(ox), D002, D004-D011, U151, P092, K071, and K106 waste codes only
- **Veolia ES Technical Solutions, L.L.C. (SUP1402) - Phoenix, AZ**
 - Limited to D001 (ox), D002, D004-D011, U151, and P092 waste codes only.
 - No high pressure hydrogen relay switches.
- **Veolia ES Technical Solutions, LLC (MIN133) Port Washington, WI**
 - Limited to D001 (ox), D002, D004-D011, U151, and P092 waste codes only.
 - No high pressure hydrogen relay switches.
- **Bethlehem Apparatus (BETHAP) - Hellertown, PA**
 - Limited to D001(ox), D002, D004-D011, U151, K071, and K106 waste codes only
 - If packing full 55G drums, metal drums must be used.

Comments:

- Mercury containing waste with any organics >500ppm (=0.05%) including solutions with D001 for organic solutions must route LCHG1 (Not LCHG2 or LCHG4)) – Check with Tech Services for disposal outlet. Do not ship as LCHG4.
- Sodium and Zinc Mercury amalgam waste must be spent and certified non-infectious in order to ship. If unspent and carries a D003 waste code it must be stabilized prior to shipment.
- Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks
- *Mercury Cyanide is only acceptable in solution or in solid form in < 11lb charges per outer container.
 - Solid Mercury Cyanide must be packed alone
 - Stablax Canada, Inc. (STABPQ) must be an approved disposal outlet for the customer.

LCHG5: Lab Pack Mercury Salts and Solutions for Landfill to Canada**Division 6.1**

Mercury Potassium Iodide
Mercury Salicylate
Mercury Gluconate
Mercury Oleate
Mercury Diacetate
Mercury Phosphate
Mercuriol
Mercury Cyanide*

Division 8

Nessler's Reagent {8, (6.1)} (Sodium Hydroxide/ Mercuric Chloride/ [Iodide])
Corrosive contaminated debris

Comments:

1. Mercury containing waste with any organics >500ppm (=0.05%) including solutions with D001 for organic solutions must route LCHG1 (Not LCHG2 or LCHG4) – Check with Tech Services for disposal outlet. Do not ship as LCHG4.
2. Clean Harbors Thurso (TO), Clean Harbors Lambton (LB), and Stablex (STABPQ) must be approved.
CANADA must be approved!
3. Mercury containing waste with any organics >500ppm (=0.05%) including solutions with D001 for organic solutions must route LCHG1 (Not LCHG2 or LCHG4). Do not ship as LCHG4.
4. Sodium and Zinc Mercury amalgam waste must be spent and certified non-infectious in order to ship. If unspent and carries a D003 waste code it must be stabilized prior to shipment.
5. Mercury and materials containing mercury can evolve vapors which are EXTREMELY TOXIC! Use extreme caution when working with these materials. Pack all broken mercury and mercury containing materials into vapor proof overpacks
6. *Mercury Cyanide is only acceptable in solution or in solid form in < 11b charges per outer container.
 - a. Solid Mercury Cyanide must be packed alone
 - b. Stablex Canada, Inc. (STABPQ) must be an approved disposal outlet for the customer.

LCHG1: Lab Pack High Subcategory Mercury for Incineration**Comments:**

1. Must be manifested to Clean Harbors Aragonite (AG) (El Dorado cannot accept).
2. Contact Technical Services for authorization
 - Mercury containing waste with any organics >500ppm (=0.05%) including solutions with D001 for organic solutions must route LCHG1 (Not LCHG2 or LCHG4) – Check with Tech Services for disposal outlet. Do not ship as LCHG4.

LCY: CYLINDERS

****All cylinders must be evaluated and pre-approved by Technical Services prior to shipment****

****Call (800) 282-0058 x5398 or 781-792- 5398 for evaluation review and approval****

LCY1-LCY13

LCY1 - Propane and MAPP Gas Cylinders for Recycling
LCY2 - Refrigerant Gasses or Fire Extinguisher for Recycling*
LCY4 - Inert or Calibration Gas Cylinders for Disposal
LCY5 - Corrosive Cylinders for Disposal
LCY6 - Flammable Cylinders for Disposal
LCY7 - Toxic Cylinders for Disposal
LCY8 - Toxic or Corrosive Cylinders for Disposal
LCY9 - Pyrophoric or Reactive Cylinders for Disposal
LCY10 - Highly Reactive or Toxic Cylinders for Disposal
LCY11 - Unknown Cylinders for Disposal
LCY12 - Special Approval Cylinders for Disposal
LCY13 - Acetylene Cylinders for Recycling*

***(No Code LCY3)**

Comments:

1. All cylinders must be approved for shipment through CleanPack Technical Services.
 - o Completed Cylinder Evaluation Form accompanied by photos of the cylinder and valve required for approval
2. All cylinders must be accompanied by a Cylinder Evaluation Form and a packing slip.*
3. Ensure cylinder size, price, disposal code, and disposal outlet must be listed on the Cylinder Evaluation Form and packing slip
4. Cylinder evaluations are valid for 30 days only; Re-approval is needed if surpassed.
5. All cylinders must have valve cap or other valve protection, per DOT.
6. Cylinders cannot be rusted, cracked, bulging or leaking per DOT.
7. All cylinders must be leak tested and pass test prior to shipment.
8. Cylinders are their own DOT rated container and must be manifested as such. Correct container type is "CY" when manifesting. *
9. Cylinders may be shipped in an open top drum with vermiculite to prevent movement during transit. The drum must remain open (do not reattach drum lid). Segregation rules still apply – Do not mix hazard classes. Manifest drum and cylinders as "CY" with notation in section 14 of manifest stating cylinders are overpacked in drum.*
10. Cylinders "MUST" have the original manufacturers label, tag, or stencil or a ~ \$350.00 sampling fee must be added to disposal cost of the cylinder. Fees will vary, verify with Technical Services.
11. CYHT and CYTN require profile and approval from LT Cyl Ops prior to shipment.

12. * Propane and Acetylene for recycling should not carry a D001 per 40 CFR 261.2(c)(2)
 - o If D001 is required Propane must ship as LCY6
13. *Refrigerant gases and Fire Extinguishers are sent for re-use and are therefore not a solid waste and should not carry RCRA codes. If codes are required these must be sent as LCY6 for incineration
14. *Cylinders marked DOT 39 NRC must be packed into a UN rated outer container, but manifested as "CY" with total number of cylinders packaged. The drum type would then need to be indicated in section 14 of the manifest. Only cylinders with exact same contents may be packed together.
15. See CP4001 – Cylinder Evaluation and Shipping Guidelines for more information.
16. Expiration dates on Aldrich Sure packs are for distribution ONLY. Acceptable for shipment and disposal.
17. "Bubbler" Units.- If a "Bubbler"/Cylinder unit is a DOT rated container then that material may be shipped as the primary package. If the "Bubbler"/Cylinder is not a proper DOT rated container it must be overpacked into a DOT UN Rated drum meeting the proper performance packaging of the material that is being shipped. All DOT regulated material may be over-packed into appropriate 5 gallon thru 55 gallon UN rated containers.
18. "Bubblers/Cylinders containing a gas. (Very rare) would need to be overpacked within a DOT approved Cylinder Recovery Vessel (CRV) if the primary container is not DOT Rated...
19. Out of state generators Texas waste codes should read OUTS8011, OUTS801H, OUTS7011, OUTS701H depending on whether its and organic gas (801) or inorganic gas (701) . If shipped with NO RCRA codes then should have (1) listed last. (H) to be listed ONLY if RCRA codes are required for disposal.
20. ONLY HHW PROPANE IS EXEMPT FROM TECH SERVICE APPROVAL
 - o Eval form must still be completed.

LCYMT - Empty and de-valved cylinders for disposal.

A cylinder is considered empty (LCYMT) if the following conditions exist:

- Cylinder has been purged of hazardous material and is de-valved.
- Cylinder has been purged of hazardous material and has a visible hole.
- Cylinder did not contain P-Coded RCRA waste.

Comments:

1. Disposal Method is Landfill.
2. Acetylene cylinders are not acceptable.
3. "P" listed waste must be certified as triple-rinsed.
4. Must ship as Non-DOT Regulated

Cylinder Sizes

Cylinder Size Table		
Abbreviation	Size	Measurements (diameter & length)
CYLE	Lecture bottle	3" x 13" OR 4" x 10"
CYSM	Small cylinder	4" x 24"
CYME	Medium cylinder	12" x 36"
CYLG	Large cylinder	16" x 56"
CYXL	Extra Large cylinder	20" x 64"
CYHT*	Half-Ton cylinder	30" x 52" OR 20" x 82"
CYTN*	Ton cylinder	24" x 94" OR 30" x 82"

Specialized Cylinders Instructions

Anhydrous Hydrogen Cyanide Cylinders – These cylinders can become motion sensitive over time and should NEVER be moved or handled without first contacting the High Haz team. These cylinders require either an overpack to ship or onsite treatment. Do not handle these cylinders to evaluate under any circumstances.

Phosgene Cylinders - Per 49CFR 173.192 (c)(3) Phosgene cylinders may not contain greater than 150lbs of gas, and must pass an immersion leak test for no less than 30 minutes with certification prior to shipment. The test and certification are provided by CHES Reactive materials team. Contact Technical Services for guidance when a Phosgene cylinder is encountered.

Zone A Cylinders - Zone A cylinders require a vapor tight cap secured over the valve, prior to shipment, per 49CFR173.40(c)(2)&(3). If no cap is present the cylinder must be left onsite until one can be provided. In some instances we may be able to provide the customer with the required cap through our LaPorte cylinder operation. Contact Technical Services for guidance.

Nitric Oxides Cylinders - These cylinders must be approved to Clean Harbors LaPorte (LT) only. These are restricted from Clean Harbors Deer Park (DE) and there are currently no 3rd party disposal options available.

Batteries

LBLA: Lead-Acid Batteries for Reclamation to Preferred Outlets

Division 8

Car Batteries
Forklift Batteries
Lead-Acid Gel Cell Batteries
Lead-Calcium Batteries
Broken or Leaking batteries

Comments:

2. Disposal at preferred outlet: include, but not limited to - Nova Lead (NOV075), Kinsbursky (KI0181), Retrieve (TO0148), or Advance Recycling (AD0433).
3. Materials may be shipped on a Hazardous Waste Manifest or a B.O.L.
 - a. Waste Codes are not required when shipping LBLA on a Hazardous Waste Manifest provided the materials are going for recycling and material meets requirements for recyclable materials in 40 CFR 261.6 (Broken or Leaking batteries do not qualify).
 - b. Waste Codes shall not be used when a B.O.L. is used.
4. No alkaline batteries.
5. Batteries may not be connected in series to one another (No two batteries may be connected by a common terminal or wire)
6. All terminals must be covered with duct tape or other insulator to prevent short circuiting per 49 CFR 173.159. (Other insulator to include spraying terminals with undercoating compound.)

LBLA2: Lead Acid Batteries for recycling to Non- Preferred Outlets

Division 8

Car Batteries
Forklift Batteries
Lead-Acid Gel Cell Batteries
Lead Calcium Batteries
Broken or Leaking batteries

Comments:

1. Disposal at non-preferred outlet: include, but not limited to AERC (AERCPA), or Superior (SUP1402, GLOBAL, ONYXFL, MIN133), etc.
2. Materials must be billed by the pound.
3. Batteries should be intact & non-leaking.
4. Materials may be shipped on a Hazardous Waste Manifest or a B.O.L.
 - a. Waste Codes are not required when shipping LBLA2 on a Hazardous Waste Manifest provided the materials are going for recycling and material meets requirements for recyclable materials in 40 CFR 261.6 (Broken or Leaking batteries do not qualify).
 - b. Waste Codes shall not be used when a B.O.L. is used.
5. No alkaline batteries

6. Batteries may not be connected in series to one another (No two batteries may be connected by a common terminal or wire).
7. All terminals must be covered with duct tape or other insulator to prevent short circuiting per 49 CFR 173.159. (Other insulator to include spraying terminals with undercoating compound.)

LBLA and LBLA2 Shipping Instructions

Wet Cells – Intact Lead-Acid Wet Cell Batteries – Large Quantity

Primary Method - Shipping on pallets for intact lead-acid batteries.

1. Place batteries on pallet.
2. Shrink wrap batteries to pallet.
3. Band batteries to pallet. (Poly-strapping is recommended)
4. All terminals must be covered with duct tape or other insulator to prevent short circuiting per 49 CFR 173.159. (Other insulator to include spraying terminals with undercoating compound.)
5. No stacking of batteries –Only 1 level of batteries per pallet
6. Use Hazardous Waste Manifest or B.O.L. as the shipping document.
7. The proper shipping description is:
 - a. UN2794, Batteries, wet, filled with acid, 8
8. Use Non-RCRA Regulated (blue) label (or purple universal waste label if applicable) on opposing sides of the pallet. Two (2) labels per pallet.
9. Waste codes are not assigned.
 - o Check for state specific Universal codes if applicable.
10. DOT corrosive (8) diamond is required on opposing sides of pallet next to label. Two (2) per pallet.
11. The case of the material must be one of the following:
 - o Impregnated Rubber, Steel, Plastic; Inside wooden battery box.
12. Must manifest by NUMBER OF BATTERIES in section 10 and by type of battery casing (see examples above) in section 11. DO NOT manifest by number of pallets.
 - o Specify in parentheses number of pallets in section 14
13. Clean Harbors Profile number is required

Wet Cells – Intact Lead-Acid Wet Cell Batteries – Small Quantity

Secondary Method – Packing individually in poly containers and packing into poly drums for a small quantity of intact lead-acid batteries.

1. Use poly pails as inner container and poly drums as outer container only (NO METAL DRUMS WITH POLY LINER).
2. Insulate terminals with duct tape or undercoating compound (spray) per 49 CFR 173.159.

3. Batteries must be upright and packed 1 battery per inner container. Inner container may be 2 gallon or 5 gallon poly pails. Add vermiculite, and place lid on.
4. Place packed 2 gallon or 5 gallon poly pails into poly outer container (55 gallon or 30 gallon) and fill void space with vermiculite.
5. Individual batteries limited to 50 pounds each.
6. Total gross weight of the drum may not exceed 300lbs.
7. The proper shipping description is:
 - a. UN2794, Batteries, wet, filled with acid,
8. Use Non-RCRA Regulated (blue) label on the container.
9. Waste codes are not assigned.
10. DOT corrosive (8) diamond is required.
11. Packing slips are required.
12. Shipping of 1 battery in a poly outer container is allowed.
13. When drums are pre-packed, top MUST be left off the drum and do not add vermiculite until QC'ed by Chemists/Driver prior to shipment. If not packed according to guidelines, drum is to be repacked. Drum cannot be shipped if not packaged to the guidelines.

Broken or Leaking Lead- Acid Batteries

1. Use poly drums only (NO METAL DRUMS WITH POLY LINER).
2. Only 1 battery allowed per outer container unless combo packing (1 battery per inner 2 gallon or 5 gallon pail and then packing into 30 or 55 gallon poly outer container).
3. Battery must be upright.
4. Insulate terminals with duct tape or undercoating compound (spray) per 49 CFR 173.159.
5. Double bag battery individually and seal bag
6. Place 2 inches of speedy-dry on the bottom of container.
7. Fill the remaining of the drum with vermiculite.
8. Battery limited to 50 pounds.
9. If combo packing, maximum gross weight of outer drum is 300 lbs.
10. The proper shipping description is:
 - o UN2794, Waste Batteries, wet, filled with acid, 8
11. Use RCRA Regulated (Yellow) label on the container.
12. Waste codes are assigned (D002, D008)
13. DOT corrosive (8) diamond is required.
14. Packing slips are required.
15. When drums are pre-packed, top MUST be left off the drum and do not add vermiculite until QC'ed by Chemists/Driver prior to shipment. If not packed according to guidelines, drum is to be repacked. Drum cannot be shipped if not packaged to the guidelines.

Gel Cells – Lead-Acid Gel Cell Batteries

1. Use poly drums only (NO METAL DRUMS WITH POLY LINER).
2. In order for a battery to be shipped under this section it must be marked "NONSPILLABLE" or "NONSPILLABLE BATTERY" by the manufacturer. Otherwise it must ship as a standard lead acid battery subject to the above protocols.
3. The outer packaging must be plainly and durably marked "NONSPILLABLE" or "NONSPILLABLE BATTERY."
4. Batteries must be upright.
5. Insulate terminals with duct tape or undercoating compound (spray) per 49 CFR 173.159.
6. Place 2 inches of speedy-dry on the bottom of each drum.
7. Stacking of gel cells only is allowed provided 3 inches of vermiculite is used in-between layers of batteries.
8. Fill the remaining of the drum with vermiculite.
9. Batteries limited to 50 pounds each.
10. Total gross weight of the drum may not exceed 300lbs.
11. The proper shipping description is:
 - a. UN2800, Batteries, wet, non-spillable, 8
12. Use Non-RCRA Regulated (blue) label on the container.
13. Waste codes are not assigned.
14. DOT corrosive (8) diamond is required.
15. Packing slips are required.
16. When drums are pre-packed, top MUST be left off the drum and do not add vermiculite until QC'ed by Chemists/Driver prior to shipment. If not packed according to guidelines, drum is to be repacked. Drum cannot be shipped if not packaged to the guidelines.
17. Note – Gel Cells may also be shipped in flexbins. Terminals must be taped. In flexbins, layering is allowed provided 3" of vermiculite is used in-between layers of batteries. Label flex bin with marking and DOT label (diamond) on opposing sides.

LBD: Mixed Batteries for Reclamation**Acceptable battery types:**

Nickel Cadmium, Wet cells (D002, D006)
Nickel Hydroxide Batteries
Nickel Cadmium Batteries (D006)
Nickel Iron Batteries
Rechargeable Ni-Cad Batteries
Non-Mercury Alkaline Batteries
Nickel Metal Hydride
Nickel Zinc
Non-Mercury Alkaline Dry-cell

Comments:

1. No lead-acid, Mercury, Magnesium, or Lithium batteries
2. All batteries, must be insulated from each other or have ends taped to prevent short circuit per 49 CFR 172.102 Special Provision 130 and 173.159*
 - o *Spent dry cell batteries $\leq 9V$ are exempt from the insulating/taping requirements provided they are shipped separately from other battery sizes and types. These batteries must fall under the description "Batteries, dry, sealed, n.o.s."
 - Note this exemption does not apply to those battery chemistries specifically covered by another proper shipping name.
3. Full 55G drums must be steel for dry cells, Poly acceptable for 5 thru 30G drums and full 55G of wet cells only
4. This code is to be used for all LPs unless quoted otherwise (see additional codes below)
5. When drums are pre-packed, top must be left off the drum and do not add vermiculite until QC'ed by Chemists/Driver prior to shipment. If not packed according to guidelines, drum is to be repacked. Drum cannot be shipped if not packaged to the guidelines.
6. Batteries may not be connected in series to one another (No two batteries may be connected by a common terminal or wire)
7. Proper shipping name will vary based on specific battery type. If assistance is required contact Tech Services at 781-792-5398
8. *Alkaline batteries in Canada are exempt from the insulating/taping requirements provided that the batteries are not intended for export to the US.

Additional LBD codes - only to be used if specifically quoted or if full 55G drums exist.

LBD1 – Alkaline batteries for reclamation (Mercury free-alk dry cell and carbon zinc only)
LBD2 – NiCad only (wet or dry cell)
LBD3 – Nickel Metal hydride only
LBD4 – Other Nickel batteries (nickel zinc, nickel iron) **LBD5** – Magnesium batteries

Big Green Box (BGB) Program for Lithium Batteries

Lithium Batteries cannot be approved through standard Self Pack process. Contact your local Account Manager or Customer Service Representative for disposal options using the Big Green Box (BGB)

- Universal Waste Only, Profiled
- Must be acceptable for shipment via FedEx
- Batteries must be intact
- Batteries must be protected from short-circuiting with taped terminals and/or by placing individual batteries into plastic bags that are supplied with the box; clear packing tape is suggested so that the battery labels are visible for easy identification
- Limit of 43-LBS pounds of batteries per box
- Limit of 10-LBS of Primary Lithium (non-rechargeable) per box (special boxes are available for >10-LBS)
- No liquids allowed including but not limited to mineral oil and/or batteries containing a free-flowing electrolyte are not acceptable (i.e. wet cell, spillable or automotive batteries)
- Primary Lithium batteries containing more than 25 grams of lithium content are not acceptable
- Follow instructions included with box.

LCHG3: Alkaline/Mercury Batteries for Reclamation.

Alkaline dry cell Batteries containing Mercury
Mercury Batteries
Mercury Oxide Batteries
Zinc-Air Battery
Carbon Zinc
Silver oxide

Comments:

1. Batteries must be intact
2. Preferred outlets: Mercury Waste Solutions (MERCWI), Superior (SUP1402, GLOBAL, ONYXFL, MIN133), AERC (AERCPA, AE0070, or MER2142), or Bethlehem Apparatus (BETHAP) must be approved
3. Full 55G drums must be steel, Poly acceptable for 5 thru 30G drums only
4. Do not mix batteries.
5. Batteries may not be connected in series to one another (No two batteries may be connected by a common terminal or wire)
6. All batteries, including alkaline, must be insulated from each other or have ends taped to prevent short circuit per 49 CFR 172.102 Special Provision 130 and 173.159
 - a. * Spent dry cell batteries ≤ 9V are exempt from the insulating/taping requirements provided they are shipped separately from other battery sizes and types. These batteries must fall under the description "Batteries, dry, sealed, n.o.s."
 - Note this exemption does not apply to those battery chemistries specifically covered by another proper shipping name.
7. Proper shipping name will vary based on specific battery type. If assistance is required contact Tech Services

LLF Batteries for landfill- *US Only***Acceptable battery types:**

Non-regulated alkaline batteries (Mercury below regulatory limits or Non-mercury)

Comments:

1. Material must be Non-RCRA/Non-EPA regulated.
2. Approved outlets: Buttonwillow (BL), Lone Mountain (LG), Lambton (LB), Grassy Mountain (GM) or subtitle C or D landfill.
3. Spent alkaline batteries $\leq 9V$ are exempt from the insulating/taping requirements provided they are shipped separately from other battery sizes and types.
4. Proper shipping description is:
 - a. Batteries, dry, sealed, n.o.s. (alkaline batteries)
5. Alkaline batteries in Canada must be sent as LBD1 for recycling.

DEA Controlled Substances

DEA Controlled Substances cannot be approved through standard Custom Pack process. Contact your local Account Manager or Customer Service Representative for more information

SECTION 4: FORMS



Clean Harbors Container Packing List

Job # _____ Manifest _____

Container Size: ☐ 5G ☐ 16G ☐ 30G ☐ 55G ☐ Other: _____Container Type: ☐ Poly ☐ Metal ☐ Fiber ☐ Other: _____

Container ID# _____

Disposal Code _____

DOT Shipping Description: _____

No.	Chemical Name (No trade name)	Quantity	UOM	L/S/G	Waste Code(s)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Absorbent: ☐ Vermiculite ☐ Polymer-Based ☐ Other: _____

THIS IS TO CERTIFY that the above listing is an accurate description of the content of this drum and that it contains no radioactive, explosive or shock sensitive materials.

Completed By _____ Date _____ Page ____ of ____



Work Order #	
Reviewed by:	
Date:	
Approval #:	

Azide Evaluation Form

Generator Name:	Generator Code:
Generator Address:	Contact Name:
Generator Phone:	Contact Phone:
Important! Upon discovering an item requiring evaluation, do not remove it from the storage location. Only handle the container if necessary to gain access to the labeling information. You should make every attempt not to handle the containers. If you need to handle the containers to gain information, do so with extreme care.	
<i>The following list outlines the Azide Chemical Families and examples of Azides within those groups:</i>	
Alkaline Earth Metal Azides: Acyl Azides Alkyl Azides Aryl Azides Heavy Metal Azides Hydrazoic Acid	(Sodium, Potassium, Lithium) (t-Butyl Azidoformate, Ethyl Azidoformate) (Methyl Azide, Ethyl Azide) (Phenyl Azide) (Silver, Lead, Copper) (Hydrogen Azide)
Virgin/Sealed Material? <input type="checkbox"/> or Spent? <input type="checkbox"/> (Check one)	
Has the container ever been opened? (confirm with customer) Yes <input type="checkbox"/> No <input type="checkbox"/> If Yes, enter the date opened: _____	
Is the material Dry? <input type="checkbox"/> or in Solution? <input type="checkbox"/> (Check one)	
List all constituent(s) and their percentages:	
1. _____ Azide _____ %	2. _____ %
3. _____ %	4. _____ %
5. _____ %	6. _____ %
Is there any evidence of crystallization, cloudiness, needle-like structures, dark solid masses or dried residue either in or on the container? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, describe: _____	
If in a clear container, what is the color of the material? _____	
Has the container been under pressure, bulging, etc.? (Confirm with customer) Yes <input type="checkbox"/> No <input type="checkbox"/>	
Container Information	
Is the product in the original manufacturer's container? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Manufacturer:	Purchase Date:
Lot Number:	Expiration Date:
Container size:	Volume/Weight remaining in container:
Container Type:	Glass <input type="checkbox"/> Plastic <input type="checkbox"/> Metal <input type="checkbox"/> Other <input type="checkbox"/>
Cap Type:	Glass <input type="checkbox"/> Plastic <input type="checkbox"/> Metal <input type="checkbox"/> Other <input type="checkbox"/> Cork <input type="checkbox"/>
Condition of the container:	Rusted <input type="checkbox"/> Bulging <input type="checkbox"/> Dented <input type="checkbox"/> Other <input type="checkbox"/>
Storage Conditions (confirm with customer)	
Was the material...	
Stored or spilled on metal?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Spilled and placed back in container?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
In contact with a spatula or scoop which may have been contaminated?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
For approval, contact Technical Services: Phone (800) 282-0058, ext. 5398 Fax (781) 792-5938	



Work Order #	
Reviewed by	
Date:	
Approval #:	

NFPA Class 4 Oxidizer Evaluation Form

Generator Name:	Generator Code:
Generator Address:	Contact Name:
Generator Phone:	Contact Phone:
Important: Upon discovering an item requiring evaluation, do not remove it from the storage location. Only handle the container, if necessary, to gain access to the labeling information. You should make every attempt not to handle the containers. If you need to handle the containers to gain information, do so with extreme care.	
(Select One per Evaluation Form)	Shipping Description
<input type="checkbox"/> Tetranitromethane: (Colorless to pale yellow liquid)	UN1510, Waste Tetranitromethane, 5.1 (6.1), PG I, PBI Zone B [P112]
<input type="checkbox"/> Ammonium Perchlorate*: (White powder)	UN1442, Waste Ammonium Perchlorate*, 5.1, PG II [D001]
<input type="checkbox"/> Guanidine Nitrate: (White powder)	UN1467, Waste Guanidine Nitrate, 5.1, PG III [D001]
<input type="checkbox"/> Hydrogen Peroxide >91% (Clear liquid)	UN2015, Waste Hydrogen Peroxide, Stabilized, 5.1, PG I [D001]
<small>*If particle size is <15 microns, ammonium perchlorate is an explosive per NFPA. Ammonium perchlorate may also be an explosive per DOT, as well. In both cases, a manufacturer MSDS is required to determine micron size and shipping information prior to approval. If the material is determined to be an explosive per NFPA and/or DOT it will require specialized handling/removal. Contact Technical Services for disposal options.</small>	
Virgin/Sealed Material? <input type="checkbox"/> or Spent? <input type="checkbox"/> (Check one)	
Has the container ever been opened? (confirm with customer) Yes <input type="checkbox"/> No <input type="checkbox"/> If Yes, enter the date opened: _____	
Is there any evidence of crystallization, cloudiness, wisp-like structures, discoloration, solid masses or any other indication of contamination? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, describe: _____	
Has the container been under pressure, bulging, etc.? (Confirm with customer) Yes <input type="checkbox"/> No <input type="checkbox"/>	
Container Information	
Is the product in the original manufacturer's container? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Manufacturer:	Purchase Date:
Lot Number:	Expiration Date:
Container size:	Volume/Weight remaining in container:
Container Type:	Glass <input type="checkbox"/> Plastic <input type="checkbox"/> Metal <input type="checkbox"/> Other <input type="checkbox"/>
Cap Type:	Glass <input type="checkbox"/> Plastic <input type="checkbox"/> Metal <input type="checkbox"/> Other <input type="checkbox"/> Cork <input type="checkbox"/>
Condition of the container:	Rusted <input type="checkbox"/> Bulging <input type="checkbox"/> Dented <input type="checkbox"/> Other <input type="checkbox"/>
Storage Conditions (confirm with customer)	
Was the material:	
Subject to direct sunlight?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Subject to thermal or physical shock?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Mixed with incompatibles? (Alcohols, hydrocarbons, organics, amines, etc)	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
For approval, contact Technical Services: Phone (800) 282-0058, ext. 5398 Fax (781) 792-5938	



Work Order #	
Reviewed by:	
Date:	
Approval #:	

Peroxidable and Polymerizable Compound Evaluation Form

Generator Name:	Generator Code:
Generator Address:	Contact Name:
Generator Phone:	Contact Phone:
Important! Upon discovering an item requiring evaluation, do not remove it from the storage location. Only handle the container if necessary to gain access to the labeling information. You should make every attempt not to handle the containers. If you need to handle the containers to gain information, do so with extreme care.	
Virgin/Sealed Material? <input type="checkbox"/> or Spent? <input type="checkbox"/> (Check one)	
Has the container ever been opened? (confirm with customer) Yes <input type="checkbox"/> No <input type="checkbox"/> If Yes, enter the date opened: _____	
Is the material inhibited*: Yes <input type="checkbox"/> No <input type="checkbox"/> If so, with what: _____ %	
<small>*An inhibitor is a chemical that would be added to the compound to help prevent the formation of peroxides or auto-polymerization.</small>	
Is there any evidence of crystallization, cloudiness, wisp-like structures, ice-like structures, or any solid masses? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, describe: _____	
Has the container been under pressure, bulging, etc? (Confirm with customer) Yes <input type="checkbox"/> No <input type="checkbox"/>	
Container Information	
Compound:	
Is the product in the original manufacturer's container? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Manufacturer:	Manufactured Date:
Lot Number:	Expiration Date:
Container size:	Volume/Weight remaining in container:
Container Type:	Glass <input type="checkbox"/> Plastic <input type="checkbox"/> Metal <input type="checkbox"/> Other <input type="checkbox"/>
Cap Type:	Glass <input type="checkbox"/> Plastic <input type="checkbox"/> Metal <input type="checkbox"/> Other <input type="checkbox"/> Cork <input type="checkbox"/>
Condition of the container:	Rusted <input type="checkbox"/> Bulging <input type="checkbox"/> Dented <input type="checkbox"/> Other <input type="checkbox"/>
Storage Conditions (confirm with customer)	
Was the material:	
Subject to fire?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Subject to thermal or physical shock?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Subject to direct sunlight?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Subject to fluctuations in humidity?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Subject to fluctuations in temperature?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Stored indoors?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Stored outdoors?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
For approval, contact Technical Services: Phone (800) 282-0056, ext. 5398 Fax (781) 792-5938	



Work Order #	
Reviewed by:	
Date:	
Approval #:	

Picric Acid (Trinitrophenol) Evaluation Form

Generator Name:	Generator Code:
Generator Address:	Contact Name:
Generator Phone:	Contact Phone:
Important! Upon discovering an item requiring evaluation, do not remove it from the storage location. Only handle the container if necessary to gain access to the labeling information. You should make every attempt not to handle the containers. If you need to handle the containers to gain information, do so with extreme care.	
Virgin/Sealed Material? <input type="checkbox"/> or Spent? <input type="checkbox"/> (Check one)	
Has the container ever been opened? (confirm with customer) Yes <input type="checkbox"/> No <input type="checkbox"/> If Yes, enter the date opened: _____	
Is the material Dry? <input type="checkbox"/> or in Solution? <input type="checkbox"/> (Check one)	
If in mixture, what is/are the constituent(s) and percentages?	
1. Picric Acid _____ %	2. _____ %
3. _____ %	4. _____ %
5. _____ %	6. _____ %
<i>*Picric acid may not be mixed with metals, metal salts, speed-dn, vermiculite, ammonia, lime, basic/caustic material, concrete or plaster. Reference manufacturers MSDS for complete list of incompatibles.</i>	
Is there any evidence of crystallization, cloudiness, needle-like structures, dark solid masses or dried residue either in or on the container? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, describe: _____	
If in a clear container, what is the color of the solution? _____ (Normal is yellow to pale yellow/white)	
Has the container been under pressure, bulging, etc.? (Confirm with customer) Yes <input type="checkbox"/> No <input type="checkbox"/>	
Container Information	
Is the product in the original manufacturer's container? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Manufacturer:	Purchase Date:
Lot Number:	Expiration Date:
Container size:	Volume/Weight remaining in container:
Container Type:	Glass <input type="checkbox"/> Plastic <input type="checkbox"/> Metal <input type="checkbox"/> Other <input type="checkbox"/>
Cap Type:	Glass <input type="checkbox"/> Plastic <input type="checkbox"/> Metal <input type="checkbox"/> Other <input type="checkbox"/> Cork <input type="checkbox"/>
Condition of the container:	Rusted <input type="checkbox"/> Bulging <input type="checkbox"/> Dented <input type="checkbox"/> Other <input type="checkbox"/>
Storage Conditions (confirm with customer)	
Was the material:	
Stored on metal, concrete or plaster?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Spilled on metal, concrete or plaster?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
Spilled and placed back in container?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
In contact with vermiculite?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
In contact with speed-dn?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
In contact with a spatula or scoop which may have been contaminated?	Y <input type="checkbox"/> N <input type="checkbox"/> Unknown <input type="checkbox"/>
For approval, contact Technical Services. Phone: (800) 282-0058 ext. 5398 Fax: (781) 792-5938	



Customer Disposal Restriction Exemption Form

By affixing my signature and returning this form to Clean Harbors Environmental Services, Inc., I hereby authorize Clean Harbors to dispose of _____
(Waste Name and Quantity)
at the following location _____ in full compliance with all federal,
(Disposal Facility)
state, and local regulations. I acknowledge that this disposal facility is not currently
approved by _____. This exemption from the existing disposal
(Company Name)
restriction is valid for:

- ☐ one time only, or
☐ valid until further notice.

I also affirm that I have Authority to make this exemption on behalf of _____.
(Company Name)

(Signature)

(Print Name)

(Title)

(Date)



Cylinder Evaluation Form

Authorization

Approval Number:	
Disposal Facility:	
Disposal Code:	
Size:	
Price:	

Generator Information

Generator:	Date:
Address:	Chemists:
Phone #:	Job#: Manifest#:

Cylinder Contents

Contents and concentration (mole %):	
Physical State -	<input type="checkbox"/> Liquified gas <input type="checkbox"/> Compressed gas <input type="checkbox"/> Non-pressurized gas
Total # of Cylinders Exactly Matching this Evaluation Form:	

DOT Shipping Information

PSN -
DOT Manufacturing Specification

EPA/RCRA Information

EPA Waste Codes:	Texas Waste Codes:
------------------	--------------------

Physical Characteristics

Is the cylinder DOT shippable?	<input type="checkbox"/> Yes <input type="checkbox"/> No	External Condition -	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Poor
Valve appears workable?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Valve Condition -	<input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Poor
Outlet Threads Impaired?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Outlet Plug?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Manufactures Label?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Regulator or Attachments?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Exceeds dent limitations?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Exceeds bulge limitations?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Leak test? (must be yes to ship)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Pass leak test?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Protective Valve Cover/Cap?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Vapor tight cap if Zone A	<input type="checkbox"/> Yes <input type="checkbox"/> No
Dimensions (inches)- Diameter (exclude stand).	Length (Excluded valve)		
Cylinder size-	Lecture (CYLE) Up to 3" dia. and 13" length or 4" dia. and 10" length		
	Small (CYSM) Up to 4" dia. and 24" length		
	Medium (CYME) Up to 12" dia. and 36" length		
	Large (CYLG) Up to 16" dia. and 56" length		
	Extra Lrg (CYXL) Up to 20" dia. and 64" length		
	1/2 Ton (CYHT) Up to 30" dia. and 52" length or 20" dia. and 82" length		
	Ton (CYTN) Up to 24" dia. and 94" length or 30" dia. and 82" length		
*Bulk Containers Require Profile and Specific UN# Markings/Placards			

Additional Information

External Markings, Colors, Warnings, CGA Valve #
If Phosgene, Leak Test & Certification per 49CFR 173.192 (c)? <input type="checkbox"/> Yes <input type="checkbox"/> No
Test and Certification Completed By Clean Harbors? <input type="checkbox"/> Yes <input type="checkbox"/> No
**If Test Completed By Customer, Send to Technical Services for Approval
Comments:

Is Cylinder Acceptable for Shipment? <input type="checkbox"/> Yes <input type="checkbox"/> No If No Why Not?
--

Employee Signature	Date
--------------------	------

Attachment 5

Directive to Monitor Acceptable Waste Codes

Memo

To: Kimball Facility Coordinators and Compliance Guards
From: Jim Shields, Facility Operations Manager II
cc: Craig Markum, Lezah Saunders
Date: 12/18/18
Re: Acceptable USEPA Waste Codes

The waste acceptance process for the Clean Harbors Kimball Facility includes a quality assurance check of the USEPA waste codes listed on inbound Uniform Hazardous Waste Manifests and LDRs. Only waste codes that are listed on Part A of KP's RCRA Permit Application are acceptable to be incinerated at the Kimball facility. All other USEPA waste codes not found on the Permit Application would be considered unacceptable for incineration at this facility.

As a Clean Harbors facility we rely on the Central Profiling Group (CPG) and the appropriate WINWEB screens to help facilitate the waste acceptance process. As employees tasked with receiving the waste you provide a front line defense for identifying wastes codes that would be considered unacceptable.

If during the course of applying the initial check of waste codes you determine an unacceptable code has been applied you should immediately stop the receiving process. In order to facilitate a resolution, a line of communication must be opened with Kimball's Compliance Manager and should include but not be limited to, the generator's account manager (AM) or customer service representative (CSR) employed with Clean Harbors.

As a reference, a list of acceptable waste codes is included with the memo, please utilize the list during the acceptance process. If you should have any questions related to this memo please contact either myself or Lezah Saunders.

Thank you,

Jim Shields

Clean Harbors Env. Services Inc. Kimball Facility "Acceptable USEPA Waste Codes"

U182 ✕	U179 ✕	U180 ✕	U181 ✕	U183 ✕	U184 ✕	U185 ✕	U186 ✕	U187 ✕	U188 ✕	
U190 ✕	U191 ✕	U192 ✕	U193 ✕	U194 ✕	U196 ✕	U197 ✕	U200 ✕	U201 ✕	U203 ✕	
U204 ✕	U206 ✕	U207 ✕	U208 ✕	U209 ✕	U210 ✕	U211 ✕	U213 ✕	U214 ✕	U215 ✕	
U216 ✕	U217 ✕	U218 ✕	U219 ✕	U220 ✕	U221 ✕	U222 ✕	U223 ✕	U225 ✕	U226 ✕	
U227 ✕	U228 ✕	U234 ✕	U235 ✕	U236 ✕	U237 ✕	U238 ✕	U239 ✕	U240 ✕	U243 ✕	
U244 ✕	U246 ✕	U247 ✕	U248 ✕	U249 ✕	U271 ✕	U278 ✕	U279 ✕	U280 ✕	U328 ✕	
U353 ✕	U359 ✕	U364 ✕	U367 ✕	U372 ✕	U373 ✕	U387 ✕	U389 ✕	U394 ✕	U395 ✕	
U404 ✕	U409 ✕	U410 ✕	U411 ✕	U068 ✕	U064 ✕	U066 ✕	U067 ✕	U069 ✕	U070 ✕	
U071 ✕	U072 ✕	U073 ✕	U074 ✕	U075 ✕	U076 ✕	U080 ✕	U077 ✕	U078 ✕	U079 ✕	
U081 ✕	U082 ✕	U083 ✕	U084 ✕	U085 ✕	U086 ✕	U087 ✕	U088 ✕	U089 ✕	U090 ✕	
U091 ✕	U092 ✕	U093 ✕	U094 ✕	U095 ✕	U097 ✕	U098 ✕	U099 ✕	U101 ✕	U102 ✕	
U103 ✕	U105 ✕	U106 ✕	U107 ✕	U108 ✕	U109 ✕	U110 ✕	U111 ✕	U112 ✕	U113 ✕	
U114 ✕	U115 ✕	U116 ✕	U117 ✕	U118 ✕	U119 ✕	U120 ✕	U121 ✕	U122 ✕	U123 ✕	
U124 ✕	U125 ✕	U126 ✕	U127 ✕	U128 ✕	U129 ✕	U130 ✕	U131 ✕	U132 ✕	U133 ✕	
U134 ✕	U135 ✕	U136 ✕	U137 ✕	U138 ✕	U140 ✕	U141 ✕	U142 ✕	U143 ✕	U144 ✕	
U145 ✕	U146 ✕	U147 ✕	U148 ✕	U149 ✕	U150 ✕	U151 ✕	U152 ✕	U153 ✕	U154 ✕	
U155 ✕	U156 ✕	U157 ✕	U158 ✕	U159 ✕	U161 ✕	U162 ✕	U163 ✕	U164 ✕	U165 ✕	
U166 ✕	U167 ✕	U168 ✕	U169 ✕	U170 ✕	U171 ✕	U172 ✕	U173 ✕	U174 ✕	U176 ✕	
U177 ✕	U178 ✕	P093 ✕	P088 ✕	P089 ✕	P092 ✕	P094 ✕	P095 ✕	P096 ✕	P097 ✕	P098 ✕
P099 ✕	P101 ✕	P102 ✕	P103 ✕	P104 ✕	P105 ✕	P106 ✕	P108 ✕	P109 ✕	P110 ✕	P111 ✕
P112 ✕	P113 ✕	P114 ✕	P115 ✕	P116 ✕	P118 ✕	P119 ✕	P120 ✕	P121 ✕	P122 ✕	P123 ✕
P127 ✕	P128 ✕	P185 ✕	P188 ✕	P189 ✕	P190 ✕	P191 ✕	P192 ✕	K113 ✕	K110 ✕	K111 ✕
K112 ✕	K114 ✕	K115 ✕	K116 ✕	K117 ✕	K118 ✕	K123 ✕	K124 ✕	K125 ✕	K126 ✕	K131 ✕
K132 ✕	K136 ✕	K141 ✕	K142 ✕	K143 ✕	K144 ✕	K145 ✕	P198 ✕	P194 ✕	P196 ✕	P197 ✕
P199 ✕	P201 ✕	P202 ✕	P203 ✕	P204 ✕	P205 ✕	U001 ✕	U002 ✕	U003 ✕	U004 ✕	
U005 ✕	U006 ✕	U007 ✕	U008 ✕	U009 ✕	U010 ✕	U011 ✕	U012 ✕	U014 ✕	U015 ✕	
U016 ✕	U017 ✕	U018 ✕	U019 ✕	U020 ✕	U021 ✕	U022 ✕	U023 ✕	U024 ✕	U025 ✕	
U026 ✕	U027 ✕	U028 ✕	U029 ✕	U030 ✕	U031 ✕	U032 ✕	U034 ✕	U035 ✕	U036 ✕	
U037 ✕	U038 ✕	U039 ✕	U041 ✕	U042 ✕	U043 ✕	U044 ✕	U045 ✕	U046 ✕	U047 ✕	
U048 ✕	U049 ✕	U050 ✕	U051 ✕	U052 ✕	U053 ✕	U055 ✕	U056 ✕	U057 ✕	U058 ✕	
U059 ✕	U060 ✕	U061 ✕	U062 ✕	U063 ✕	D040 ✕	D037 ✕	D038 ✕	D039 ✕	D041 ✕	

Clean Harbors Env. Services Inc. Kimball Facility "Acceptable USEPA Waste Codes"

D042 x	D043 x	F001 x	F002 x	F003 x	F004 x	F005 x	F006 x	F007 x	F008 x	K150 x
K147 x	K148 x	K149 x	K151 x	K156 x	K157 x	K158 x	K159 x	K161 x	K169 x	K170 x
K171 x	K172 x	P001 x	P002 x	P003 x	P004 x	P005 x	P006 x	P007 x	P008 x	P009 x
P010 x	P011 x	P012 x	P013 x	P014 x	P015 x	P016 x	P017 x	P018 x	P020 x	P021 x
P022 x	P023 x	P024 x	P026 x	P027 x	P028 x	P029 x	P030 x	P031 x	P033 x	P034 x
P036 x	P037 x	P038 x	P039 x	P040 x	P041 x	P042 x	P043 x	P044 x	P045 x	P046 x
P047 x	P048 x	P049 x	P050 x	P051 x	P054 x	P056 x	P057 x	P058 x	P059 x	P060 x
P062 x	P063 x	P064 x	P066 x	P067 x	P068 x	P069 x	P070 x	P071 x	P072 x	P073 x
P074 x	P075 x	P076 x	P077 x	P078 x	P082 x	P084 x	P085 x	P087 x	F012 x	F009 x
F010 x	F011 x	F019 x	F024 x	F025 x	F032 x	F034 x	F035 x	F037 x	F038 x	F039 x
K001 x	K002 x	K003 x	K004 x	K005 x	K006 x	K007 x	K008 x	K009 x	K010 x	K011 x
K013 x	K014 x	K015 x	K016 x	K017 x	K018 x	K019 x	K020 x	K021 x	K022 x	K023 x
K024 x	K025 x	K026 x	K027 x	K028 x	K029 x	K030 x	K031 x	K032 x	K033 x	K034 x
K035 x	K036 x	K037 x	K038 x	K039 x	K040 x	K041 x	K042 x	K043 x	K044 x	K045 x
K046 x	K047 x	K048 x	K049 x	K050 x	K051 x	K052 x	K060 x	K061 x	K062 x	K069 x
K071 x	K073 x	K083 x	K084 x	K085 x	K086 x	K087 x	K088 x	K093 x	K094 x	K095 x
K096 x	K097 x	K098 x	K099 x	K100 x	K101 x	K102 x	K103 x	K104 x	K105 x	K106 x
K107 x	K108 x	K109 x	D004 x	D001 x	D002 x	D003 x	D005 x	D006 x	D010 x	
D007 x	D008 x	D009 x	D011 x	D012 x	D013 x	D014 x	D015 x	D016 x	D017 x	
D018 x	D019 x	D020 x	D021 x	D022 x	D023 x	D024 x	D025 x	D026 x	D027 x	
D028 x	D029 x	D030 x	D031 x	D032 x	D033 x	D034 x	D035 x	D036 x		

Attachment 6

Container Tracking and Manifests Listed in Attachment 3

WSDRUM - Drum Viewing

[Properties](#) | [Composition](#) | [Tracking Activity](#) | [Test Results](#) | [Lab Results](#) | [History](#) | [Gen Restrictions](#) | [Profile Restrictions](#)

Drum: <input type="text" value="61959597"/>	Inventory Mgt #:	Customer Drum #: <input type="text"/>
Manifest Company: KP	SO Branch: ETW Sales Order #: 1705753833	Load #: B1711131
Manifest Number: 003456976FLE	Manifest Line: 1	Lot #: 23895691
Manifest Status: PR	Manifest Page: 1	Shipment Type: BULK
Profile: A22K-INT-AIR	UN / NA: UN3082	Final Code Date: 11/29/2017 6:17:59 PM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 11/29/2017 12:05:01 PM	Restrictions: N	Billing Waste Class: A22K
Container Size: 1	Container Type: TT	Processing Status: YES
Original Quantity: 46020	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 46020	Weight UOM: LBS	Tare Weight: 0
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 11/13/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 11/13/2017 1:42:33 PM
Processing Type: Pump Leanwater		
Customer Batch #		
Off-spec Reason:	Comments: we brown liq FL17110508 B1711131	MFG SKU:

Waste Numbers:

D001;D035;F005;OUTS204H

Modified by **BROWERB**on **11/30/2017 11:14:46 AM**Created: **11/13/2017 5:44:18 PM**

Form Approved, OMB No. 2050-0039

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

GENERATOR



Land Disposal Restriction
Notification Form

Page : 1 of 1

Printed Date : Nov 13, 2017

MANIFEST INFORMATION

Generator : Emerald Services, Inc.
Address: 1825 Alexander Avenue
Tacoma, WA 98421

Manifest Tracking Info.

003456976FLE

EPA ID #: WAD981769110

Sales Order No: 1705753833

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	A22K-INT-AIR	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code

D001

D004

D005

D006

D007

D008

D009

D010

D011

F025

D018D020D021D022D023D026D028D035D038D039D040D043F001F002F003F004F005F024F037F038K048K049K050K051K052K171K172U004U012U019U031U037U044U051U052U056U057U080U108U112U117U118U122U140U154U156U159U161U165U181U196U210U213U220U227U228U239

EPA Waste SubCategory

Ignitables, except High TOC Liquids

Toxicity Characteristic for Arsenic

Toxicity Characteristic for Barium

Toxicity characteristic for Cadmium

Toxicity Characteristic for Chromium

Toxicity Characteristic for Lead

Low Mercury, not RMERC Residues

Toxicity Characteristic for Selenium

Toxicity Characteristic for Silver

Light Ends Subcategory

NONE

Certification

Applies to
Manifest Line
Items

Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.

1.

Waste analysis data, where available, is attached.

Signature :

Kristina Baker
Facility Coordinator

Print Name


K. Baker


Title :

Date :

11.13.17

WSDRUM -- Drum Viewing[Properties](#) / [Composition](#) / [Tracking Activity](#) / [Instructions](#) / [Lab Results](#) / [History](#) / [Gen Batch](#) / [Profile Rem. Ins](#)

Drum: **61959598**  Inventory Mgt #:

Manifest Company: **KP** SO Branch: **ETW** Sales Order #: **1705754542** Customer Drum #: 

Manifest Number: **003456977FLE** Manifest Line: **1** Load #: **B1711132**

Manifest Status: **PR** Manifest Page: **1** Lot #: **23899941**

Profile: **A22K-INT-AIR** UN / NA: **UN3082** Shipment Type: **BULK**

Pre Waste Class: **A22K** Testing Waste Class: **A22K** Final Code Date: **11/30/2017 10:56:20 AM**

Date Received: **11/29/2017 12:57:37 PM** Restrictions: **N** Processing Waste Class: **A22K**

Container Size: **1** Container Type: **TT** Billing Waste Class: **A22K**

Original Quantity: **43700** Current Quantity: **0** Processing Status: **YES**

Drum Weight: **43700** Weight UOM: **LBS** Quantity UOM: **LBS**

PCB Type: Out of Service: Tare Weight: **0**

Generator Company: **ETW** Generator Date: **11/13/2017** Serial #: **WAD981769110**

Area: Location: **KP** Initial Tracking Date: **11/13/2017 1:42:33 PM**

Processing Type: **Pump Leanwater**

Customer Batch #

Off-spec Reason: Comments: **we brown liq FL17110510 B1711132** MFG SKU:

Waste Numbers:

D001;D035,F005

Modified by **BROWERB**on **11/30/2017 11:15:35 AM**Created: **11/13/2017 5:44:18 PM**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

STW 1705754542

SCPPW 10/10/2017

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number				
		WAD981769110	12	(800) 483-3718	003456977 FLE				
5. Generator's Name and Mailing Address Emerald Services, Inc 1925 Alexander Avenue Tacoma, WA 98421 Generator's Phone: (206) 832-3200		Generator's Site Address (if different than mailing address) SAME							
6. Transporter 1 Company Name Tacoma Municipal Belt Line Railway		U.S. EPA ID Number WAD988467080							
7. Transporter 2 Company Name Union Pacific Railroad		U.S. EPA ID Number NED001792910							
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball, NE 69145 Facility's Phone: (308) 235-4012		U.S. EPA ID Number NED981723513							
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
			No.	Type					
	1. RO, UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (METHYLETHYL KETONE), 9, PG III (D001)		001	TT	04519	G	U004	U012	U019
							U031	U037	U044
14. Special Handling Instructions and Additional Information 1. A22K-INT-AIR EFG#171 Seals top: 226844 Bottom: 226845 5475 g.c. 10009-000 TT 2122		Container # UTLX201289 IN CASE OF AN EMERGENCY, PLEASE CONTACT 1.800.OIL.TANK (1.800.646.8265) SEAL #S: TOP							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Officer's Printed/Typed Name Kristina Beebe		Signature <i>Kristina Beebe</i>		Month 11		Day 13		Year 17	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name <i>Lyn White</i>		Signature <i>Lyn White</i>		Month 11		Day 13		Year 17	
Transporter 2 Printed/Typed Name <i>N/A</i>		Signature <i>N/A</i>		Month 11		Day 13		Year 17	
18. Discrepancy									
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection									
Manifest Reference Number: _____									
18b. Alternate Facility (or Generator) U.S. EPA ID Number _____									
Facility's Phone: _____									
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____									
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1. H040		2. _____		3. _____		4. _____			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a									
Printed/Typed Name Debbie Keller		Signature <i>Debbie Keller</i>		Month 11		Day 29		Year 17	

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



ENVIRONMENTAL SERVICES®
MANIFEST INFORMATION

Land Disposal Restriction
Notification Form

Page : 1 of 1

Printed Date : Nov 13, 2017

Generator : Emerald Services, Inc	Manifest Tracking Info.
Address: 1825 Alexander Avenue Tacoma, WA 98421	003456977FLE
EPA ID #: WAD981769110	Sales Order No: 1705754542

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	A22K-INT-AIR	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	Ignitables, except High TOC Liquids
D004	Toxicity Characteristic for Arsenic
D005	Toxicity Characteristic for Barium
D006	Toxicity characteristic for Cadmium
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D009	Low Mercury, not RMERC Residues
D010	Toxicity Characteristic for Selenium
D011	Toxicity Characteristic for Silver
F025	Light Ends Subcategory
D018D020D021D022D023D026D028D035D038D039D040D043F001F002F003F004F005F024F037F038K048K049K050K051K052K171K172U004U012U019U031U037U044U051U052U056U057U080U108U112U117U118U122U140U154U156U159U161U165U181U196U210U213U220U227U228U239	
NONE	




Certification	Applies to Manifest Line Items
Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.	1.

Waste analysis data, where available, is attached.

Signature : <u>Kristina Beebe</u>	Print Name : <u>K. Beebe</u>
Title : <u>Facility Coordinator</u>	Date : <u>11.13.17</u>

WSDRUM - Drum Viewing

Properties | Composition | Tracking Activity | Instructions | Lab Results | History | Gen Restrictions | Profile Restrictions

Drum: 61959599  Inventory Mgt #:  Customer Drum #: 

Manifest Company: KP	SO Branch: ETW Sales Order #: 1705754670	Load #: B1712002
Manifest Number: 003456978FLE	Manifest Line: 1	Lot #: 23927962
Manifest Status: PR	Manifest Page: 1	Shipment Type: BULK
Profile: A22K-INT-AIR	UN / NA: UN3082	Final Code Date: 12/4/2017 10:21:08 AM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 12/1/2017 12:42:10 PM	Restrictions: N	Billing Waste Class: A22K
Container Size: 1	Container Type: TT	Processing Status: YES
Original Quantity: 44500	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 44500	Weight UOM: LBS	Tare Weight: 0
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 11/13/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 11/13/2017 1:42:33 PM
Processing Type: Pump Leanwater		
Customer Batch #		
Off-spec Reason:	Comments: we brown liq FL17120012 B1712002	MFG SKU:

Waste Numbers:

D001;D035,F005

Modified by **MARKUMC1**on **12/4/2017 4:35:05 PM**Created: **11/13/2017 5:44:18 PM**

ETW 1705754670

SCPPW 10/10/2017

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD981769110	2. Page 1 of 2	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 003456978 FLE		
5. Generator's Site Address (if different than mailing address) Emerald Services, Inc. 1825 Alexander Avenue Tacoma, WA 98421 (206) 832-3200		Generator's Site Address (if different than mailing address) SAME					
6. Transporter 1 Company Name Tacoma Municipal Belt Line Railway		U.S. EPA ID Number WAD988467080					
7. Transporter 2 Company Name Union Pacific Railroad		U.S. EPA ID Number NED001792910					
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball, NE 68145 (308) 235-4012		U.S. EPA ID Number NED981723513					
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
X	NO. UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG III (D001)	001	TT	04519	G	U004 U012 U019	U031 U037 U044
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information 1. RFL-INT-ALL EEW171 3275 9-20 114453-001 Sal's top: 224844 Bottom: 224846		Container # UTLX201289 IN CASE OF AN EMERGENCY, PLEASE CONTACT 1.800.OIL.TANK (1.800.645.8265) SEAL #S: TOP					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name Kristina Beebe		Signature K. Beebe			Month Day Year 11 13 17		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:					
Transporter signature (for exports only):		Date leaving U.S.:					
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Lyn White		Signature Lyn White			Month Day Year 11 13 17		
Transporter 2 Printed/Typed Name N/A		Signature			Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator)		U.S. EPA ID Number					
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)		Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H040	2.	3.	4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Debbie Keller		Signature Debbie Keller			Month Day Year 11/20/17		

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



Land Disposal Restriction
Notification Form

Page : 1 of 1

Printed Date : Nov 13, 2017

MANIFEST INFORMATION

Generator : Emerald Services, Inc
Address: 1825 Alexander Avenue
Tacoma, WA 98421

Manifest Tracking Info.

003456978FLE

EPA ID #: WAD981769110

Sales Order No: 1705754670

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	A22K-INT-AIR	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	Ignitables, except High TOC Liquids
D004	Toxicity Characteristic for Arsenic
D005	Toxicity Characteristic for Barium
D006	Toxicity characteristic for Cadmium
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D009	Low Mercury, not RMERC Residues
D010	Toxicity Characteristic for Selenium
D011	Toxicity Characteristic for Silver
F025	Light Ends Subcategory
D018D020D021D022D023D026D028D035D038D039D040D043F001F002F003F004F005F024F037F038K048K049K050K051K052K171K172U004U012U019U031U037U044U051U052U056U057U080U108U112U117U118U122U140U154U156U159U161U165U181U196U210U213U220U227U228U239	NONE

Certification

Applies to
Manifest Line
Items

Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.

1.

Waste analysis data, where available, is attached.

Signature : Kristina Baube

Print Name

K. Baube

Title : Facility Coordinator

Date :

11.13.17

WSDRUM - Drum Viewing[Report](#) [Composition](#) [Tracking History](#) [Restrictions](#) [Lab Results](#) [History](#) [Gen Results](#) [Profile Relative](#)

Drum: 61959600	Inventory Mgt #:	Customer Drum #: 61959600
Manifest Company: KP	SO Branch: ETW Sales Order #: 1705755332	Load #: B1712003
Manifest Number: 003456979FLE	Manifest Line: 1	Lot #: 23927821
Manifest Status: PR	Manifest Page: 1	Shipment Type: BULK
Profile: A22K-INT-AIR	UN / NA: UN3082	Final Code Date: 12/4/2017 10:20:12 AM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 12/1/2017 12:46:12 PM	Restrictions: N	Billing Waste Class: A22K
Container Size: 1	Container Type: TT	Processing Status: YES
Original Quantity: 44580	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 44580	Weight UOM: LBS	Tare Weight: 0
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 11/13/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 11/13/2017 1:42:33 PM
Processing Type: Pump Leanwater		
Customer Batch #		
Off-spec Reason:	Comments: we brown liq FL17120013 B1712003	MFG SKU:

Waste Numbers:

0001;D035;F005

Modified by **MARKUMC1**on **12/4/2017 4:50:14 PM**Created: **11/13/2017 5:44:19 PM**

479 Lead
B1712003

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD981769110	2. Page 1 of 2	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 003456979 FLE
5. Generator's Name and Mailing Address Emerald Services, Inc 1825 Alexander Avenue Tacoma, WA 98421 Generator's Phone: (206) 933-3200			Generator's Site Address (if different than mailing address) SAME		
6. Transporter 1 Company Name Tacoma Municipal Belt Line Railway			U.S. EPA ID Number WAD988467080		
7. Transporter 2 Company Name Union Pacific Railroad			U.S. EPA ID Number NED0001792910		
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball, NE 68148 Facility's Phone: (308) 235-4012			U.S. EPA ID Number NED981723513		

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type			U004	U012	U019
1	RO, UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG III (D001)	001	TT	04519	G	U004	U012	U019
2						U031	U037	U044
3								
4								

14. Special Handling Instructions and Additional Information
1. A22K-INT-ATR ERG#171
Seals Top: 224864 Bottom: 224865
5275 gals Transferred TT2121
Container# UTLX201289
IN CASE OF AN EMERGENCY, PLEASE CONTACT 1.800.OIL.TANK (1.800.645.8265) SEAL #S: TOP

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name: **Kristina Beebe** Signature: *K. Beebe* Month: **11** Day: **13** Year: **17**

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: *W. White* Signature: *[Signature]* Month: **11** Day: **13** Year: **17**

Transporter 2 Printed/Typed Name: **N/A** Signature: _____ Month: _____ Day: _____ Year: _____

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: _____

18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____

Facility's Phone: _____

18c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. **H040** 2. _____ 3. _____ 4. _____

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: **Debbie Keller** Signature: *[Signature]* Month: **12** Day: **01** Year: **17**

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



Land Disposal Restriction
Notification Form

Page : 1 of 1

Printed Date : Nov 13, 2017

MANIFEST INFORMATION

Generator : Emerald Services, Inc
Address: 1825 Alexander Avenue
Tacoma, WA 98421

Manifest Tracking Info.

003456979FLE

EPA ID #: WAD981769110

Sales Order No: 1705755332

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	A22K-INT-AIR	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	Ignitables, except High TOC Liquids
D004	Toxicity Characteristic for Arsenic
D005	Toxicity Characteristic for Barium
D006	Toxicity characteristic for Cadmium
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D009	Low Mercury, not RMERC Residues
D010	Toxicity Characteristic for Selenium
D011	Toxicity Characteristic for Silver
F025	Light Ends Subcategory
D018D020D021D022D023D026D028D035D038D039D040D043F001F002F003F004F005F024F037F038K048K049K050K051K052K171K172U004U012U019U031U037U044U051U052U056U057U080U108U112U117U118U122U140U154U156U159U161U165U181U196U210U213U220U227U228U239	NONE

Certification

Applies to
Manifest Line
Items

Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.

1.

Waste analysis data, where available, is attached.

Signature :

Kristina Beebe
Facility Coordinator

Print Name

Kristina Beebe

Title :

Date :

11.13.17

WSDRUM - Drum Viewing[Inventory](#) | [Forms](#) | [Tracking](#) | [Account](#) | [Help](#) | [Log Out](#) | [Home](#)

Drum: 16;959601	Inventory Mgt #:	Customer Drum #:
Manifest Company: KP	SO Branch: ETW Sales Order #: 1705755679	Load #: B1712005
Manifest Number: 003456980FLE	Manifest Line: 1	Lot #: 23927970
Manifest Status: PR	Manifest Page: 1	Shipment Type: BULK
Profile: A22K-INT-AIR	UN / NA: UN3082	Final Code Date: 12/4/2017 10:22:11 AM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 12/1/2017 8:04:35 PM	Restrictions: Y	Billing Waste Class: A22K
Container Size: 1	Container Type: TT	Processing Status: YES
Original Quantity: 12360	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 12360	Weight UOM: LBS	Tare Weight: 0
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 11/13/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 11/10/2017 9:09:12 AM
Processing Type: Pump Leanwater		
Customer Batch #		
Off-spec Reason:	Comments: cm brown liq F17120016 B1712005	MFG SKU:

Waste Numbers:

D001,D035,F005

Modified by **MARKUMC1**on **12/4/2017 5:05:04 PM**Created: **11/13/2017 5:44:19 PM**

ETW 1705755679

SC PPW 10/10/2017

Form Approved OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD981789110	2. Page 1 of 12	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 003456980 FLE		
5. Generator's Name and Mailing Address Emerald Services, Inc. 1825 Alexander Avenue Tacoma, WA 98421 (206) 832-3200			Generator's Site Address (if different than mailing address) SAME				
6. Transporter 1 Company Name Tacoma Municipal Belt Line Railway			U.S. EPA ID Number WAD988467080				
7. Transporter 2 Company Name Union Pacific Railroad			U.S. EPA ID Number NED001792910				
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball, NE 68145			U.S. EPA ID Number NED981723513				
Facility's Phone: (308) 235-4012							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
			No.	Type			
	X	RG UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG III (D001)	001	TT	04523	G	U004 U012 U019 U031 U037 U044
14. Special Handling Instructions and Additional Information 1. A22K-TWT-AIR EPC9171 1583 gal TRANSFERRED Seals top: 2268464 Bottom: 2268465 TT 2120 Container # UTLX201289 IN CASE OF AN EMERGENCY, PLEASE CONTACT 1.800.OIL.TANK (1.800.645.8265) SEAL #S: TOP							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Kristina Beebe			Signature K. Beebe		Month Day Year 11 13 17		
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name Lyn White		Signature L. White		Month Day Year 11 13 17		
	Transporter 2 Printed/Typed Name N/A		Signature		Month Day Year		
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number:						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number						
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator)					Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	1. H040	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Debbie Keller			Signature Debbie Keller		Month Day Year 11 20 17		

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



Land Disposal Restriction
Notification Form

Page : 1 of 1

Printed Date : Nov 13, 2017

MANIFEST INFORMATION

Generator : Emerald Services, Inc
Address: 1825 Alexander Avenue
Tacoma, WA 98421

Manifest Tracking Info.

003456980FLE

EPA ID #: WAD981769110

Sales Order No: 1705755679

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	A22K-INT-AIR	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	Ignitables, except High TOC Liquids
D004	Toxicity Characteristic for Arsenic
D005	Toxicity Characteristic for Barium
D006	Toxicity characteristic for Cadmium
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D009	Low Mercury, not RMERC Residues
D010	Toxicity Characteristic for Selenium
D011	Toxicity Characteristic for Silver
F025	Light Ends Subcategory
D018D020D021D022D023D026D028D035D038D039D040D043F001F002F003F004F005F024F037F038K048K049K050K051K052K171K172U004U012U019U031U037U044U051U052U056U057U080U108U112U117U118U122U140U154U156U159U161U165U181U196U210U213U220U227U228U239	NONE

Certification

Applies to
Manifest Line
Items

Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.

1.

Waste analysis data, where available, is attached.

Signature :

Kristina Beck

Print Name

K. Beck

Title :

Facility Coordinator

Date :

11/13/17

WSDRUM - Drum Viewing[Production](#) | [Compositions](#) | [Tracking Activity](#) | [Restrictions](#) | [Lab Results](#) | [History](#) | [Gen Restrict](#) | [Off-specs](#)

Drum:  Inventory Mgt #:  Customer Drum #: 

Manifest Company: KP	SO Branch: ETW Sales Order #: 1705868997	Load #: B1712016
Manifest Number: 003456983FLE	Manifest Line: 1	Lot #: 23951724
Manifest Status: PR	Manifest Page: 1	Shipment Type: BULK
Profile: A22K-INT-AIR	UN / NA: UN3082	Final Code Date: 12/6/2017 9:43:55 AM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 12/5/2017 3:51:18 PM	Restrictions: Y	Billing Waste Class: A22K
Container Size: 1	Container Type: TT	Processing Status: YES
Original Quantity: 43680	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 43680	Weight UOM: LBS	Tare Weight: 0
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 11/17/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 10/20/2017 10:47:55 AM
Processing Type: Pump Leanwater		
Customer Batch #		
Off-spec Reason:	Comments: we brown liq F17120089 B1712016	MFG SKU:

Waste Numbers:

D001;D018;D035;F005;OUTS204H

Modified by **MARKUMC1**on **12/7/2017 11:23:14 AM**Created: **11/17/2017 2:01:06 PM**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD981769110	2. Page 1 of 22	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 003456983 FLE		
5. Generator's Name and Mailing Address Emerald Services, Inc 1825 Alexander Avenue Tacoma, WA 98421 Generator's Phone: (206) 832-3200				Generator's Site Address (if different than mailing address) SAME			
6. Transporter 1 Company Name Tacoma Municipal Belt Line Railway				U.S. EPA ID Number WAD988467080			
7. Transporter 2 Company Name Union Pacific Railroad				U.S. EPA ID Number NED001792910			
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball, NE 68145 Facility's Phone: (308) 235-4012				U.S. EPA ID Number NED981723513			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes	
		No.	Type				
x	RQ, UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG III (D001)	001	TT	04538	G	U004	U012
						U031	U037
14. Special Handling Instructions and Additional Information 1. A22K-INT-AIR ERG#171							
<div style="display: flex; justify-content: space-between;"> <div> 5275 gal TRANSFER </div> <div> 224847 224848 224849 </div> <div> Container# UTLX201640 IN CASE OF AN EMERGENCY, PLEASE CONTACT 1.800.OIL TANK (1.800.645.8260) SEAL #S </div> </div>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Kristina Beebe				Signature <i>K. Beebe</i>		Month Day Year 11 17 17	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Kimberly Jackson				Signature <i>* Kimberly Jackson</i>		Month Day Year 11 17 17	
Transporter 2 Printed/Typed Name N/A				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
H040							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Deb Keller				Signature <i>Debbie Keller</i>		Month Day Year 11 20 17	

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number WA-D 981769110	22. Page 2	23. Manifest Tracking Number 003456983FLF			
24. Generator's Name Emerald Service, Inc.							
25. Transporter 3 Company Name Chemical Services EMI, Service Inc.		U.S. EPA ID Number MA-D039322250					
26. Transporter 4 Company Name Smith Systems Transportation		U.S. EPA ID Number MA-D086352133					
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
			No.	Type			
32. Special Handling Instructions and Additional Information							
TRANSPORTER	33. Transporter 3 Acknowledgment of Receipt of Materials						
	Printed/Typed Name Optima North Inc.	Signature <i>[Signature]</i>	Month 12	Day 05	Year 17		
	34. Transporter 4 Acknowledgment of Receipt of Materials						
	Printed/Typed Name Barrie Gonschub	Signature <i>[Signature]</i>	Month 12	Day 05	Year 17		
DESIGNATED FACILITY	35. Discrepancy						
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						



Land Disposal Restriction
Notification Form

Page: 1 of 1

Printed Date: Nov 17, 2017

MANIFEST INFORMATION

Generator: Emerald Services, Inc
Address: 1825 Alexander Avenue
Tacoma, WA 98421

Manifest Tracking Info.

003456983FLE

EPA ID #: WAD981769110

Sales Order No: 1705868997

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	A22K-INT-AIR	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	Ignitables, except High TOC Liquids
D004	Toxicity Characteristic for Arsenic
D005	Toxicity Characteristic for Barium
D006	Toxicity characteristic for Cadmium
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D009	Low Mercury, not RMERC Residues
D010	Toxicity Characteristic for Selenium
D011	Toxicity Characteristic for Silver
F025	Light Ends Subcategory
D018D020D021D022D023D026D028D035DC38D039D040D043F001F002F003F004F005F024F037F038K048K049K050K051K052K171K172U004U012U019U031U037U044U051U052U056U057U080U108U112U117U118U122U140U154U156U159U161U165U181U196U210U213U220U227U228U239	NONE

Certification

Applies to
Manifest Line
Items

Pursuant to 40 CFR 268.7(a), I hereby certify that this shipment contains waste restricted under 40 CFR Part 268.

1.

Waste analysis data, where available, is attached.

Signature:

Kristina Beebe

Print Name

K. Beebe

Title:



Facility Coordinator

Date:

11.17.17

WSDRUM - Drum Viewing

Properties | Connection | Tracking Activity | Tracking | Lab Results | History | Gen Restrictions | Profile Restrictions

Drum: **62065828**  Inventory Mgt #:
Customer Drum #: 

Manifest Company: **KP** SO Branch: **ETW** Sales Order #: **1705869362** Load #: **B1712017**
Manifest Number: **003456984FLE** Manifest Line: **1** Lot #: **23973701**
Manifest Status: **PR** Manifest Page: **1** Shipment Type: **BULK**
Profile: **A22K-INT-AIR** UN / NA: **UN3082** Final Code Date: **12/7/2017 6:57:03 PM**
Pre Waste Class: **A22K** Testing Waste Class: **A22K** Processing Waste Class: **A22K**
Date Received: **12/5/2017 8:12:33 PM** Restrictions: **N** Billing Waste Class: **A22K**
Container Size: **1** Container Type: **TT** Processing Status: **YES**
Original Quantity: **45820** Current Quantity: **0** Quantity UOM: **LBS**
Drum Weight: **45820** Weight UOM: **LBS** Tare Weight: **0**
PCB Type: Out of Service: Serial #:
Generator Company: **ETW** Generator Date: **11/17/2017** Generator EPA #: **WAD981769110**
Area: Location: **KP** Initial Tracking Date: **11/17/2017 10:21:10 AM**
Processing Type: **Pump Leanwater**
Customer Batch #
Off-spec Reason: Comments: **kb brown liq FL17120093 B1712017** MFG SKU:

Waste Numbers:

D001;D035;F005;OUTS204H

Modified by **MARKUMC1**on **12/10/2017 9:02:30 AM**Created: **11/17/2017 2:01:07 PM**

B1712017 7th Land

ETW 1706869362

SC PPW 10/10/2017

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD981769110	2. Page 1 of 12	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 003456984 FLE		
5. Generator Name and Mailing Address ENTERPRISE SYSTEMS, INC. 1820 Alexander Avenue Tacoma, WA 98421 (206) 832-3200		6. Generator's Site Address (if different than mailing address) SAME					
7. Transporter 1 Company Name Tacoma Municipal Belt Line Railway		U.S. EPA ID Number WAD988467080					
7. Transporter 2 Company Name Union Pacific Railroad		U.S. EPA ID Number NED001792910					
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball, NE 68146 Facility's Phone: (308) 238-4012		U.S. EPA ID Number NED981723513					
GENERATOR	9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes
	X	RQ UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG III (D004)	001	TT	04538	G	U004 U012 U019 U021 U037 U044
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information 1. ATR-INT-ALR 11/17/17 5775 gals transferred		Container # UTLX201640 In case of emergency please contact 1.800.OIL TANK (1.800.848.6285) SEAL #S: 226867, 226868, 226869					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 4) CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Kristina Beebe		Signature K. Beebe				Month Day Year 11 17 17	
16. International Shipments	<input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:		
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Kimberly Jackson		Signature Kimberly Jackson				Month Day Year 11 17 17	
Transporter 2 Printed/Typed Name N/A		Signature				Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H040		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a							
Printed/Typed Name Liz Maurer		Signature Liz Maurer				Month Day Year 12 5 17	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number WAD981769110	22. Page 2	23. Manifest Tracking Number 003456984FLB	
24. Generator's Name Emerald Services, Inc.					
25. Transporter 3 Company Name Clean Harbor Env. Services, Inc.		U.S. EPA ID Number WAD 0393 22250			
26. Transporter 4 Company Name Smith & Jones Transportation		U.S. EPA ID Number WAD 0393 22250			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.
<div style="position: relative;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background: linear-gradient(to top right, transparent 49%, black 49% 51%, black 51% 53%, transparent 53%);"></div> </div>					
32. Special Handling Instructions and Additional Information					
33. Transporter 3 Acknowledgment of Receipt of Materials					
Printed/Typed Name Doree Rottke		Signature <i>[Signature]</i>		Month 12	Day 25
34. Transporter 4 Acknowledgment of Receipt of Materials				Year 17	
Printed/Typed Name Baron Conzel		Signature <i>[Signature]</i>		Month 12	Day 05
35. Discrepancy				Year 17	
38. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					



Land Disposal Restriction
Notification Form

Page : 1 of 1

Printed Date : Nov 17, 2017

MANIFEST INFORMATION

Generator : Emerald Services, Inc
Address: 1825 Alexander Avenue
Tacoma, WA 98421

Manifest Tracking Info.

003456984FLE

EPA ID #: WAD981769110

Sales Order No: 1705869362

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	A22K-INT-AIR	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	Ignitables, except High TOC Liquids
D004	Toxicity Characteristic for Arsenic
D005	Toxicity Characteristic for Barium
D006	Toxicity characteristic for Cadmium
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D009	Low Mercury, not RMERC Residues
D010	Toxicity Characteristic for Selenium
D011	Toxicity Characteristic for Silver
F025	Light Ends Subcategory
D018D020D021D022D023D026D028D035D038D039D040D043F001F002F003F004F005F024F037F038K048K049K050K051K052K171K172U004U012U019U031U037U044U051U052U056U057U080U108U112U117U118U122U140U154U156U159U161U165U181U196U210U213U220U227U228U239	NONE

Certification

Applies to
Manifest Line
Items

Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.

1.

Waste analysis data, where available, is attached.

Signature : Kristina Becker

Print Name

K. Becker

Title : Facility Coordinator

Date :

11/17/17

WSDRUM - Drum Viewing[Properties](#) | [Composition](#) | [Tracking Activity](#) | [Testing](#) | [Lab Results](#) | [History](#) | [Gen. Details](#) | [Profile Reasons](#)

Drum: 62065829	Inventory Mgt #:	Customer Drum #: 62065829
Manifest Company: KP	SO Branch: ETW Sales Order #: 1705869775	Load #: B1712035
Manifest Number: 003456985FLE	Manifest Line: 1	Lot #: 23977743
Manifest Status: PR	Manifest Page: 1	Shipment Type: BULK
Profile: A22K-INT-AIR	UN / NA: UN3082	Final Code Date: 12/8/2017 10:49:48 AM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 12/7/2017 10:10:59 AM	Restrictions: N	Billing Waste Class: A22K
Container Size: 1	Container Type: TT	Processing Status: YES
Original Quantity: 36440	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 36440	Weight UOM: LBS	Tare Weight: 0
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 11/17/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 11/17/2017 10:48:33 AM
Processing Type: Pump Leanwater		
Customer Batch #		
Off-spec Reason:	Comments: kb brown liq F17120129 B1712035	MFG SKU:

Waste Numbers:

D0C1;D035;F005;OUTS204H

Modified by **MARKUMC1**on **12/10/2017 9:20:01 AM**Created: **11/17/2017 2:01:08 PM**

WSDRUM - Drum Viewing[Properties](#) | [Container List](#) | [Tracking Activity](#) | [Status](#) | [Lab Results](#) | [History](#) | [Gen. Receipts](#) | [Profile Records](#)

Drum: 62065830	Inventory Mgt #:	Customer Drum #:
Manifest Company: KP	SO Branch: ETW Sales Order #: 1705870325	Load #: B1712036
Manifest Number: 003456986FLE	Manifest Line: 1	Lot #: 23983570
Manifest Status: PR	Manifest Page: 1	Shipment Type: BULK
Profile: A22K-INT-AIR	UN / NA: UN3082	Final Code Date: 12/8/2017 4:27:56 PM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 12/7/2017 12:05:57 PM	Restrictions: N	Billing Waste Class: A22K
Container Size: 1	Container Type: TT	Processing Status: YES
Original Quantity: 46140	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 46140	Weight UOM: LBS	Tare Weight: 0
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 11/17/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 11/17/2017 10:48:33 AM
Processing Type: Pump Leanwater		
Customer Batch #		
Off-spec Reason:	Comments: kb gray liq F17120130 B1712036	MFG SKU:

Waste Numbers:

D001;D035;F005;CUTS204H

Modified by **MARKUMC1**on **12/10/2017 9:19:11 AM**Created: **11/17/2017 2:01:08 PM**

My dear Mr. C.

SC PPW 10/10/2017

Form Approved, OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Clean Harbors Manifest Addendum

Page:1 of 1

<u>Generator ID Number:</u>		<u>Sales Order Number</u>
W A D 9 8 1 7 6 9 1 1 0 003456986FLE		1705870325
Emerald Services, Inc 1825 Alexander Avenue Tacoma, WA98421		
<u>Line #:</u>	<u>Profile No:</u>	<u>Profile Description:</u>
1.	A22K-INT-AIR	U051 U052 U056 U057 U080 U108 U112 U117 U118 U122 U140 U154 U156 U159 U181 U165 U181 U196 U210 U213 U220 U227 U228 U239 D001 D004 D005 D006 D007 D008 D009 D010 D011 D018 D020 D021 D022 D023 D026 D028 D035 D038 D039 D040 D043 F001 F002 F003 F004 F005 F024 F025 F037 F038 K048 K049 K050 K051 K052 K171 K172
<u>CH Container #</u>		<u>Customer Container #</u>

WSDRUM - Drum Viewing[Product](#) | [Company Data](#) | [Tracking Activity](#) | [Inventory](#) | [EPA Reports](#) | [History](#) | [Lead Products](#) | [Profile Reports](#)

Drum: 62065931	Inventory Mgt #:	Customer Drum #:
Manifest Company: KP	SO Branch: ETW Sales Order #: 1705870724	Load #: B1712038
Manifest Number: 003456988FLE	Manifest Line: 1	Lot #: 23983561
Manifest Status: PR	Manifest Page: 1	Shipment Type: BULK
Profile: A22K-INT-AIR	UN / NA: UN3082	Final Code Date: 12/8/2017 4:26:48 PM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 12/7/2017 3:47:17 PM	Restrictions: N	Billing Waste Class: A22K
Container Size: 1	Container Type: TT	Processing Status: YES
Original Quantity: 29080	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 29080	Weight UOM: LBS	Tare Weight: 0
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 11/17/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 6/29/2017 6:43:13 PM
Processing Type: Pump Leanwater		
Customer Batch #		
Off spec Reason:	Comments: kb gray liq F17120135 B1712038	MFG SKU:

Waste Numbers:

134;D001;D035,D039

Modified by **MARKUMC1**on **12/10/2017 5:54:51 PM**Created: **11/17/2017 2:01:10 PM**

AUTH- B1712038

ETW 1705870724

SC PPW 10/10/2017

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD981769110	2. Page 1 of 12	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 003456988 FLE
5. Generator Name and Mailing Address Emerald Services, Inc. 1825 Alexander Avenue Tacoma, WA 98421 (206) 932-3200		Generator's Site Address (if different than mailing address) SAME			
6. Transporter 1 Company Name Clean Harbors Environmental Services, Inc.		U.S. EPA ID Number MAD039322250			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball, NE 69145 (308) 235-4012		U.S. EPA ID Number NED981723513			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.
GENERATOR ↓ TRANSPORTER ↓ DESIGNATED FACILITY	1. RQ UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S., (METHYL ETHYL KETONE), 9, PG III (D001)	001	TT	04538	G
	2.				
	3.				
	4.				
14. Special Handling Instructions and Additional Information 1. A22K-TBT-AIR FRG#171		Container# UTLX201640 In case of emergency please contact 1.800.OIL.TANK (1.800.645.8265) SEAL #S: 226867, 226868, 226869			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name Kristina Beebe		Signature <i>K. Beebe</i>		Month Day Year 11 17 17	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:			
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Kimberly Jackson		Signature <i>Kimberly Jackson</i>		Month Day Year 11 17 17	
Transporter 2 Printed/Typed Name N/A		Signature		Month Day Year	
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number:					
18b. Alternate Facility (or Generator) U.S. EPA ID Number					
Facility's Phone:					
18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. H040		2.		3.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name ED AVILA		Signature <i>ED AVILA</i>		Month Day Year 11 10 17	

WSDRUM - Drum Viewing[Print Label](#) | [Composition](#) | [Tracking Action](#) | [Instruments](#) | [Lab Results](#) | [History](#) | [Gen Restrictions](#) | [Profile Restrictions](#)

Drum: 58942813	Inventory Mgt #: C000000627	Customer Drum #:
Manifest Company: KP	SO Branch: ETW Sales Order #: 1703123062	Load #: 1706222
Manifest Number: 007597105FLE	Manifest Line: 5	Lot #: 22529309
Manifest Status: PR	Manifest Page: 1	Shipment Type: DRUM
Profile: A22K-INTER	UN / NA: UN3082	Final Code Date: 7/3/2017 3:11:51 PM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 6/26/2017 4:25:00 PM	Restrictions: N	Billing Waste Class: A22K
Container Size: 55	Container Type: DM	Processing Status: YES
Original Quantity: 503	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 503	Weight UOM: LBS	Tare Weight: 50
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 6/21/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 6/19/2017 11:41:47 AM
Processing Type: Pump Leanwater		
Customer Batch #		
Off-spec Reason:	Comments: rm/ss-yellow liquid ph7	MFG SKU:

Waste Numbers:

F003

Modified by **DUNEGANP**on **8/23/2017 7:04:02 PM**Created: **6/14/2017 2:50:32 PM**

WSDRUM - Drum Viewing[Properties](#) | [Manifests](#) | [Tracking Activity](#) | [Instructions](#) | [Help](#) | [Status](#) | [History](#) | [Open Systems](#) | [Profile](#) | [Feedback](#)Drum: **58942814**Inventory Mgt #: **C000000628**Customer Drum #: Manifest Company: **KP**SO Branch: **ETW** Sales Order #: **1703123062**Load #: **1706222**Manifest Number: **007597105FLE**Manifest Line: **5**Lot #: **22529309**Manifest Status: **PR**Manifest Page: **1**Shipment Type: **DRUM**Profile: **A22K-INTER**UN / NA: **UN3082**Final Code Date: **7/3/2017 3:11:51 PM**Pre Waste Class: **A22K**Testing Waste Class: **A22K**Processing Waste Class: **A22K**Date Received: **6/26/2017 4:25:00 PM**Restrictions: **N**Billing Waste Class: **A22K**Container Size: **55**Container Type: **DM**Processing Status: **YES**Original Quantity: **131**Current Quantity: **0**Quantity UOM: **LBS**Drum Weight: **131**Weight UOM: **LBS**Tare Weight: **50**

PCB Type:

Out of Service:

Serial #:

Generator Company: **ETW**Generator Date: **6/21/2017**Generator EPA #: **WAD981769110**

Area:

Location: **KP**Initial Tracking Date: **6/19/2017 11:41:47 AM**Processing Type: **Pump Leanwater**

Customer Batch #

Off-spec Reason:

Comments: **rm/ss-yellow liquid ph7**

MFG SKU:

Waste Numbers:

F003

Modified by **DUNEGANP**on **8/23/2017 6:54:35 PM**Created: **6/14/2017 2:50:32 PM**

ETW 1703123062

SC PPW 5/30/2017

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD981769110	2. Page 1 of 2	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 007597105 FLE		
5. Generator's Name and Mailing Address Emerald Services, Inc. 1825 Alexander Avenue Tacoma, WA 98421 (206) 832-3200		Generator's Site Address (if different than mailing address) SAME					
6. Transporter 1 Company Name Emerald Services, Inc		U.S. EPA ID Number WAD058364647					
7. Transporter 2 Company Name Clean Harbors Environmental		U.S. EPA ID Number WA0039322250					
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball, NE 68145 (308) 235-4012		U.S. EPA ID Number NE0981723513					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (TOLUENE, ACETONE), 3. PG II		004	DM	01541	P	D001 D004 D005 D006 WP01 WP02
X	2. RQ, UN1263, WASTE PAINT RELATED MATERIAL, (ACETONE, ETHANOL), 3. PG II (D001)		002	DM	01000	P	D001 D035 F003 F005
X	3. RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (ACETONE, TOLUENE), 3. PG II (D001)		005	DM	03056	P	D001 D007 D008 D035 F002 F003
X	4. RQ, UN3175, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., (TOLUENE AND ACETONE STILL BOTTO), 4.1, PG II (F003)		001	DM	00344	P	D035 F003 F005
14. Special Handling Instructions and Additional Information 1. FB4-AIR ERG#128 4X55 2. FB4-INTER ERG#128 2X55 3. FB4-INTER ERG#128 5X55 4. FB4-INTER ERG#133 1X55							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/picarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name J. Beebe		Signature J. Beebe				Month Day Year 06/21/17	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Tim Simon Signature Tim Simon Month Day Year 06/21/17 Transporter 2 Printed/Typed Name Scott Tyson Signature Scott Tyson Month Day Year 06/21/17							
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) U.S. EPA ID Number _____ Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H040 2. H040 3. H040 4. H040							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Laura Simon Signature Laura Simon Month Day Year 06/21/17							

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.



ENVIRONMENTAL SERVICES®

MANIFEST INFORMATION

Land Disposal Restriction
Notification Form

Page : 1 of 4

Printed Date : Jun 20, 2017

Generator : Emerald Services, Inc
Address: 1825 Alexander Avenue
Tacoma, WA 98421

Manifest Tracking Info.

007597105FLE

EPA ID #: WAD981769110

Sales Order No: 1703123062

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	FB4-AIR	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	High TOC Ignitable Liquids
D004	Toxicity Characteristic for Arsenic
D005	Toxicity Characteristic for Barium
D006	Toxicity characteristic for Cadmium
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D010	Toxicity Characteristic for Selenium
D011	Toxicity Characteristic for Silver
D012D013D014D015D016D017D018D019D020D021D022D023D024D025D026D027D028D029D030D031D032D033D034D035F001F002F003F004F005	NONE

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
2.	1	FB4-INTER	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	Ignitables, except High TOC Liquids
D035F003F005	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
2,4-DINITROTOLUENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
TETRACHLOROETHYLENE	Y	N	N
TRICHLOROETHYLENE	Y	N	N
VINYL CHLORIDE	Y	N	N



Land Disposal Restriction
Notification Form

Page : 2 of 4

Printed Date : Jun 20, 2017

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
3.	1	FB4-INTER	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	Ignitables, except High TOC Liquids
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D035F002F003F005	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
2,4-DINITROTOLUENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
TETRACHLOROETHYLENE	Y	N	N
TRICHLOROETHYLENE	Y	N	N
VINYL CHLORIDE	Y	N	N

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
4.	1	FB4-INTER	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D035F003F005	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
2,4-DINITROTOLUENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
TETRACHLOROETHYLENE	Y	N	N
TRICHLOROETHYLENE	Y	N	N
VINYL CHLORIDE	Y	N	N



Land Disposal Restriction
Notification Form

Page : 3 of 4

Printed Date : Jun 20, 2017

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
5.	2	A22K-INTER	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
F003	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
1,4-DINITROBENZENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
M-CRESOL	Y	N	N
METHYL ETHYL KETONE	Y	Y	N
O-CRESOL	Y	N	N
P-CRESOL	Y	N	N
PENTACHLOROPHENOL	Y	N	N
SELENIUM	Y	N	N
TETRACHLOROETHYLENE	Y	Y	N
TRICHLOROETHYLENE	Y	N	N

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
6.	2	A22K-INTER	NON-WASTEWATER	2 (This is subject to LDR.)

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
1,4-DINITROBENZENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
M-CRESOL	Y	N	N
METHYL ETHYL KETONE	Y	Y	N
O-CRESOL	Y	N	N
P-CRESOL	Y	N	N
PENTACHLOROPHENOL	Y	N	N
SELENIUM	Y	N	N
TETRACHLOROETHYLENE	Y	Y	N
TRICHLOROETHYLENE	Y	N	N



ENVIRONMENTAL SERVICES®

Land Disposal Restriction
Notification Form

Page : 4 of 4

Printed Date : Jun 20, 2017

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
7.	2	A22K-INTER	NON-WASTEWATER	2 (This is subject to LDR.)

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
1,4-DINITROBENZENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
M-CRESOL	Y	N	N
METHYL ETHYL KETONE	Y	Y	N
O-CRESOL	Y	N	N
P-CRESOL	Y	N	N
PENTACHLOROPHENOL	Y	N	N
SELENIUM	Y	N	N
TETRACHLOROETHYLENE	Y	Y	N
TRICHLOROETHYLENE	Y	N	N

Certification

Applies to
Manifest Line
Items

Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.

1. 2. 3. 4.
5. 6. 7.

Waste analysis data, where available, is attached.

Signature :

Lina Burke

Print Name

L. Burke

Title :

Facility Coordinator

Date :

6.21.17

WSDRUM - Drum Viewing[Home](#) | [Reporting](#) | [Composition](#) | [Tracking Activity](#) | [Instructions](#) | [Help](#) | [Accounts](#) | [History](#) | [Gen Estimates](#) | [Profile Restore](#)

Drum: <input type="text" value="58828001"/>	Inventory Mgt #:	Customer Drum: <input type="text" value="170511019825"/>
Manifest Company: KP	SO Branch: ETW Sales Order #: 1703253367	Load #: 1707027
Manifest Number: 007597114FLE	Manifest Line: 5	Lot #: 22569706
Manifest Status: PR	Manifest Page: 1	Shipment Type: DRUM
Profile: A22K-INTER	UN / NA: UN3082	Final Code Date: 7/7/2017 3:10:48 PM
Pre Waste Class: A22K	Testing Waste Class: A22K	Processing Waste Class: A22K
Date Received: 7/5/2017 11:11:55 AM	Restrictions: N	Billing Waste Class: A22K
Container Size: 1	Container Type: TP	Processing Status: YES
Original Quantity: 1372	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 1372	Weight UOM: LBS	Tare Weight: 0
PCB Type:	Out of Service:	Serial #:
Generator Company: ETW	Generator Date: 6/27/2017	Generator EPA #: WAD981769110
Area:	Location: KP	Initial Tracking Date: 6/7/2017 8:33:07 PM
Processing Type: Pump Leanwater		
Customer Batch #		
Off-spec Reason:	Comments: tc/ss-blk liq, no heel ph5 TOT2	MFG SKU:
Waste Numbers:		

Modified by **MOENCHD1**on **7/12/2017 7:38:55 AM**Created: **6/7/2017 8:33:07 PM**

ETW1703253367

SC PPW 5/30/2017

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD981769110	2. Page 1 of 2	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 007597114 FLE
5. Generator Name and Mailing Address Emerald Services, Inc. 1825 Alexander Avenue Tacoma, WA 98421 (206) 832-3200			Generator's Site Address (if different than mailing address) SAME		
6. Transporter 1 Company Name Emerald Services, Inc			U.S. EPA ID Number WAD058364647		
7. Transporter 2 Company Name Clean Harbors			U.S. EPA ID Number WA00902220		
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. 2247 South Highway 71 Kimball NE 69145 (308) 235-4012			U.S. EPA ID Number NED981723513		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WL/Vol.
X	1. RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (TOLUENE, ACETONE), 3, PG II (D001)	002	DM	01091	P
					D001 D004 D005 D006 WP01 WP02
X	2. RQ, UN1090, WASTE ACETONE, (ACETONE), 3, PG II (100 LBS)	003	DM	01538	P
					D001 F003
X	3. RQ, UN1263, WASTE PAINT RELATED MATERIAL, (ACETONE), 3, PG II (D001=100)	004	DM	01842	P
					D001 D035 F003 F005
X	4. RQ, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (BUTYL ACETATE), 3, PG II (D001)	005	DM	02415	P
					D001 D007 D035 F003 F005
14. Special Handling Instructions and Additional Information 1. FB4-AIR ERG#128 2X55 2. FB4-INTER ERG#127 3X55 3. FB4-INTER ERG#128 4X55 4. FB4-INTER ERG#128 5X55					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name J. Beebe			Signature J. Beebe		Month Day Year 12/27/17
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Tim Simon			Signature Tim Simon		Month Day Year 12/28/17
Transporter 2 Printed/Typed Name Gail M			Signature Gail M		Month Day Year 12/28/17
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: _____					
18b. Alternate Facility (or Generator) U.S. EPA ID Number _____					
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. H040		2. H040		3. H040	
				4. H040	
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a					
Printed/Typed Name Pam Klussman			Signature P Klussman		Month Day Year 12/5/17

290650 6548

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) **ETW 1703253367**

9C PPW 5/30/2017

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number WAD981769110	22. Page 2 of 2	23. Manifest Tracking Number 007597114FLE				
24. Generator's Name Emerald Services, Inc								
25. Transporter 3 Company Name R & R			U.S. EPA ID Number MDR0000501973					
26. Transporter _____ Company Name			U.S. EPA ID Number					
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
	X	5. RO. UN3082. WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES. LIQUID. N.O.S. (1.2.4 TRIMETHYLBENZENE ADDITIVES), 9, PG III (D018)	001	TP	01372	P	D018	
32. Special Handling Instructions and Additional Information 5. A22k-inter ERG171 1XTOTE								
TRANSPORTER	33. Transporter 3 Acknowledgment of Receipt of Materials Printed/Typed Name Susan L Hall SLH Signature <i>Susan L Hall</i> Month 07 Day 03 Year 17							
	34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
DESIGNATED FACILITY	35. Discrepancy							
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 5. H040							

Clean Harbors Manifest Addendum

Page:1 of 1

<u>Generator ID Number:</u>		<u>Sales Order Number:</u>
W A D 9 8 1 7 6 9 1 1 0 007597114FLE		1703253367
Emerald Services, Inc 1825 Alexander Avenue Tacoma, WA98421		
<u>Line #</u>	<u>Profile No.</u>	<u>Profile Description</u>
1.	FB4-AIR	D007 D008 D010 D011 D012 D013 D014 D015 D016 D017 D018 D019 D020 D021 D022 D023 D024 D025 D026 D027 D028 D029 D030 D031 D032 D033 D034 D035 F001 F002 F003 F004 F005
<u>CH Container #</u>		<u>Customer Container #</u>



ENVIRONMENTAL SERVICES®

MANIFEST INFORMATION

Land Disposal Restriction
Notification Form

Page : 1 of 3

Printed Date : Jun 27, 2017

Generator : Emerald Services, Inc
Address: 1825 Alexander Avenue
Tacoma, WA 98421

Manifest Tracking Info.

007597114FLE

EPA ID #: WAD981769110

Sales Order No: 1703253367

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
1.	1	FB4-AIR	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	High TOC Ignitable Liquids
D004	Toxicity Characteristic for Arsenic
D005	Toxicity Characteristic for Barium
D006	Toxicity characteristic for Cadmium
D007	Toxicity Characteristic for Chromium
D008	Toxicity Characteristic for Lead
D010	Toxicity Characteristic for Selenium
D011	Toxicity Characteristic for Silver
D012D013D014D015D016D017D018D019D020D021D022D023D024D025D026D027D028D029D030D031D032D033D034D035F001F002F003F004F005	NONE

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
2.	1	FB4-INTER	NON-WASTEWATER	2 (This is subject to LDR.)

EPA Waste Code	EPA Waste SubCategory
D001	Ignitables, except High TOC Liquids
F003	NONE

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
2,4-DINITROTOLUENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
TETRACHLOROETHYLENE	Y	N	N
TRICHLOROETHYLENE	Y	N	N
VINYL CHLORIDE	Y	N	N



ENVIRONMENTAL SERVICES

Land Disposal Restriction
Notification Form

Page : 2 of 3

Printed Date :Jun 27, 2017

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
3.	1	FB4-INTER	NON-WASTEWATER	2 (This is subject to LDR.)
EPA Waste Code			EPA Waste SubCategory	
D001			Ignitables, except High TOC Liquids	
D035F003F005			NONE	

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
2,4-DINITROTOLUENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
TETRACHLOROETHYLENE	Y	N	N
TRICHLOROETHYLENE	Y	N	N
VINYL CHLORIDE	Y	N	N

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
4.	1	FB4-INTER	NON-WASTEWATER	2 (This is subject to LDR.)
EPA Waste Code			EPA Waste SubCategory	
D001			Ignitables, except High TOC Liquids	
D007			Toxicity Characteristic for Chromium	
D035F003F005			NONE	

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
2,4-DINITROTOLUENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
TETRACHLOROETHYLENE	Y	N	N
TRICHLOROETHYLENE	Y	N	N
VINYL CHLORIDE	Y	N	N



Land Disposal Restriction
Notification Form

Page : 3 of 3

Printed Date : Jun 27, 2017

LINE ITEM INFORMATION

Line Item:	Page No:	Profile No:	Treatability Group:	LDR Disposal Category
5.	2	A22K-INTER	NON-WASTEWATER	2 (This is subject to LDR.)
EPA Waste Code			EPA Waste SubCategory	
D018			NONE	

LDR Chemical Data

Chemical	Underlying Hazardous Constituents	Constituents of Concern	Contaminants Subject to Treatment
1,4-DINITROBENZENE	Y	N	N
BENZENE	Y	N	N
CADMIUM	Y	N	N
LEAD	Y	N	N
M-CRESOL	Y	N	N
METHYL ETHYL KETONE	Y	Y	N
O-CRESOL	Y	N	N
P-CRESOL	Y	N	N
PENTACHLOROPHENOL	Y	N	N
SELENIUM	Y	N	N
TETRACHLOROETHYLENE	Y	Y	N
TRICHLOROETHYLENE	Y	N	N

Certification

Applies to
Manifest Line
Items

Pursuant to 40 CFR 268.7(a), I hereby notify that this shipment contains waste restricted under 40 CFR Part 268.

1. 2. 3. 4.
5.

Waste analysis data, where available, is attached.

Signature :

Lina Paez

Print Name

L. Beebe

Title :

Facility Coordinator

Date :


6.27.17

WSDRUM - Drum Viewing[Properties](#) | [Composition](#) | [Tracking Activity](#) | [Manifests](#) | [Lab Results](#) | [History](#) | [Gen Restrictions](#) | [Profile Restrictions](#)

Drum: <input type="text" value="57230488"/>	Inventory Mgt #:	Customer Drum #: <input type="text"/>
Manifest Company: KP	SO Branch: DI Sales Order #: 1700751191	Load #: 1703155
Manifest Number: 006952281JJK	Manifest Line: 6	Lot #: 21648859
Manifest Status: PR	Manifest Page: 1	Shipment Type: DRUM
Profile: LCCRD	UN / NA: UN1204	Final Code Date: 3/28/2017 11:17:48 AM
Pre Waste Class: LCCRD	Testing Waste Class: LCCRD	Processing Waste Class: LCCRD
Date Received: 3/21/2017 3:15:18 PM	Restrictions: N	Billing Waste Class: LCCRD
Container Size: 5	Container Type: DF	Processing Status: YES
Original Quantity: 3	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 3	Weight UOM: LBS	Tare Weight: 2
PCB Type:	Out of Service:	Serial #:
Generator Company: C096061	Generator Date: 2/16/2017	Generator EPA #: AKR000003806
Area:	Location: KP	Initial Tracking Date: 3/21/2017 3:15:18 PM
Processing Type: Mix Special		
Customer Batch #		
Off-spec Reason:	Comments: sb-lp-nitroglycerin solution in alcohol	MFG SKU:
CD Exists: Yes	CD Creation Date: 5/30/2017 7:03:44 AM	View CD Undo CD
	IC CD Creation Date: N/A	

Waste Numbers:

Modified by **DUNEGANP**on **4/10/2017 3:46:30 PM**Created: **3/16/2017 6:18:12 PM**

WSRVWTRK - View Tracking Activities
[Track](#) |
 [Properties](#) |
 [Composition](#) |
 [Drum viewing](#) |
 [Instruments](#) |
 [Lab Results](#) |
 [History](#) |
 [Gen Reports](#) |
 [Profile Relationships](#)
Tracking Number: 

Del Loc	Activity	Qty	Drum / Tank Vehicle	Actual Date	Manifest # Area	Profile #	Dspst Fclty	Entry Date	User
KP	INCN	1	TOU	04/10/2017 03:46:15 PM				04/10/2017 03:46:30 PM	DUNEGANP
KP	INVT			04/01/2017 08:56:06 AM	KP Van 34			04/01/2017 08:56:06 AM	AERNIR1
KP	INVT			03/31/2017 12:32:30 PM	KP Van 34			03/31/2017 12:32:30 PM	GILLMIJ1
KP	INVT			03/30/2017 11:21:09 AM	KP Van 34			03/30/2017 11:21:09 AM	GILLMIJ1
KP	INVT			03/30/2017 07:43:17 AM	57B:Rack 13:O:1			03/30/2017 07:43:17 AM	BOWROUND1
KP	INVT			03/24/2017 01:21:51 PM	25 Inbound:Slot 1			03/24/2017 01:21:51 PM	KLUSSMP1
KP	PREC			03/21/2017 03:15:20 PM				03/21/2017 03:40:59 PM	KLUSSMP1
WA	HBLD		<u>5306</u>	03/16/2017 08:06:57 PM				03/16/2017 08:06:57 PM	WICKW1
WA	DSWT	1		03/16/2017 07:25:03 PM				03/16/2017 07:25:03 PM	WA_DrumScale_1
KP	RECV			02/16/2017 12:00:00 AM				03/16/2017 06:18:12 PM	MEFIJRJ1

1700751191

81219547
117032121

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

CON 707791

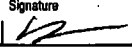
Form Approved, OMB No. 2050-0038

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number AKR000003806	2. Page 1 of 3	3. Emergency Response Phone 1(800)424-9300	4. Manifest Tracking Number 006952281 JJK		
5. Generator's Name and Mailing Address CPAI, ALPINE FACILITY PO BOX 100360 ANCHORAGE, AK 99510 Generator's Phone: 907-670-4200		Generator's Site Address (if different than mailing address) 9 MI NORTH OF NUIQSUT NUIQSUT, AK 99789					
6. Transporter 1 Company Name CARLIE TRANS SYSTEMS, INC. (ANC)		U.S. EPA ID Number AKR000005611					
7. Transporter 2 Company Name TOTEM OCEAN TRAILER EXPRESS		U.S. EPA ID Number WAD070397955					
8. Designated Facility Name and Site Address CLEAN HARBORS ENV SERVICES INC 2247 SOUTH HIGHWAY 71 KIMBALL, NE 68145 Facility's Phone: (308) 235-4012		U.S. EPA ID Number NED981723513					
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes
	X	1. RQ UN1263, WASTE PAINT RELATED MATERIAL, 3, PGII [FP = 21 C] [ERG=128]	1	DM	420	P	D001 D007 D008 D018 D035 D039
	X	2. RQ NA2212, ASBESTOS, 9, PGIII [ERG=171]	1	DF	41	P	
	X	3. UN1992, WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S (PETROLEUM DISTILLATES, METHANOL), 3 (6.1), PGII [FP = 18 C] [ERG=131]	1	DF	6	P	D001 D018 D022 F003 F005
	X	4. UN3077, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (1,1,1,TRICHLOROETHANE, BENZENE), 9, PGIII [ERG=171]	1	DM	69	P	D018 F001 F002 F005
14. Special Handling Instructions and Additional Information 1:CPA910201 15CPA0695 D040,U080,U154,U220 2:CH599964 17CPA0133 3:CHLCCRD-03 15CPA0228 4:CPA950409 16CPA0526							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (i) (I am a large quantity generator) or (b) (I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Sam Widmer		Signature <i>[Signature]</i>		Month Day Year 02/16/2017			
TRANSPORTER INTL.	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	17. Transporter Acknowledgment of Receipt of Materials Transporter signature (for exports only): _____ Transporter 1 Printed/Typed Name: Lannon Jiplady Signature: <i>[Signature]</i> Month Day Year: 2/17/17 Transporter 2 Printed/Typed Name: Paul's Place Signature: <i>[Signature]</i> Month Day Year: 3/3/17						
	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____						
DESIGNATED FACILITY	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____						
	Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year: _____						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H040 2. H141 3. H040 4. H040						
20. Designated Facility Owner/Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: Laura Johnson Signature: <i>[Signature]</i> Month Day Year: 3/21/17							

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number AKR000003806	22. Page 2 OF 3	23. Manifest Tracking Number 006952281JJK				
24. Generator's Name CPAI, ALPINE FACILITY								
25. Transporter 3 Company Name CARLILE TRANS SYSTEMS, Inc. (TACOMA)			U.S. EPA ID Number WAH000018747					
26. Transporter 4 Company Name CLEAN HARBORS ENVIRONMENTAL SVCS.			U.S. EPA ID Number MAD039322250					
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	UN3077, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (Tetrachloroethylene, Methylene Chloride), 9, PGIII [ERG=171]	1	DM	28	P	D035	F002	F005
X	UN1204, WASTE NITROGLYCERIN SOLUTION IN ALCOHOL, 3, PGII [FP = < 21 C] [ERG=127]	1	DF	4 2	P	D001	P081	
X	UN1760, WASTE CORROSIVE LIQUIDS, N.O.S. (SODIUM DICHROMATE, SULFURIC ACID), 8, PGII [ERG=154] "LIMITED QUANTITY"	1	DF	6 7	P	D002	D007	
X	UN1950, WASTE AEROSOLS, 2.1 [ERG=128] "LIMITED QUANTITY"	1	DF	9	P	D001	D003	
X	UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CHROMIUM), 9, PGIII [ERG=171]	1	DF	52	P	D007	D011	
X	UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CHROMIUM, SILVER), 9, PGIII [ERG=171]	1	DF	59	P	D007	D011	
X	UN1263, WASTE PAINT RELATED MATERIAL (METHYL N-AMYL KETONE, PETROLEUM NAPHTHA), 3, PGIII [FP = < 60 C] [ERG=128]	1	DF	4	P	D001		
X	UN3077, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (CHROMIUM), 9, PGIII [ERG=171]	3	DF	412	P	D007		
X	UN3077, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (LEAD), 9, PGIII [ERG=171]	1	DF	5	P	D008		
X	UN3077, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (LEAD), 9, PGIII [ERG=171]	1	DM	68	P	D008		
32. Special Handling Instructions and Additional Information 5: CPABSD401 16CPAD572 6: CHLCCRD 17CPAD154 7: CHLCCRA 16CPAD573 8: CHLCCRD 16CPAD487 9: CPAB40203 16CPAD364 10: CPAB40205 15CPAD327 11: CH470504 16CPAD488 12: CPAB40433 16CPAD487,0653,0818 13: CPAB40402 16CPAD529 14: CH586694 17CPAD061								
33. Transporter 3 Acknowledgment of Receipt of Materials Printed/Typed Name <i>Kamteer Layan</i> Signature <i>[Signature]</i> Month 13 Day 14 Year 12								
34. Transporter 4 Acknowledgment of Receipt of Materials Printed/Typed Name <i>[Signature]</i> Signature <i>[Signature]</i> Month 13 Day 16 Year 12								
35. Discrepancy Line 11 profile changed to CH551612 per Don Maloney 3-23-12 pk								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 H040 H040 H040 H040 H040 H040 H141 H141 H141								

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number AKR000003808	22. Page 3 OF 3	23. Manifest Tracking Number 006952281JJK		
24. Generator's Name CPAI, ALPINE FACILITY						
25. Transporter Company Name Steve Farler Trucking			U.S. EPA ID Number 4DR000205625			
26. Transporter Company Name			U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
X	UN3082, WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CHROMIUM), 9, PGIII [ERG=171]	1	DM	352 443	P	D007
X	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (CHROMIUM), 9, PGIII [ERG=171]	3	DF	410	P	
X	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (Tetrachloroethylene, Methylene Chloride), 9, PGIII [ERG=171]	1	DM	23	P	
X	UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (ZINC OXIDE), 9, PGIII [ERG=171] "LIMITED QUANTITY"	1	DM DF	1	P	
X	UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (METHYLENE DIPHENYL DIISOCYANATE), 9, PGIII [ERG=171]	1	DF	90	P	
	NON-REGULATED LIQUID	2	DF	110	P	
32. Special Handling Instructions and Additional Information 15: CPAB40209 16CPAD498 16: CPAGE980434 16CPA0383,0857,17CPA0136 17: CPAGE980440 16CPAD458 18: CHLCCRC 17CPA0129 19: CHLCCRC 16CPAD547 20: CHLCCRN NRL 16CPAD551,0598 NL01 NL02 LINE 16-19 CESAAG						
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name Daniel McElearney		Signature 		Month Day Year 13 17 15		
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 H040 H040 H040 H040						

THE HAZARDOUS WASTES IDENTIFIED ON THE HAZARDOUS WASTE MANIFEST IDENTIFIED ABOVE AND BEARING THE EPA HAZARDOUS WASTE CODES LISTED BELOW ARE RESTRICTED WASTES WHICH ARE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT UNDER THE LAND DISPOSAL RESTRICTIONS, 40 CFR PART 268.7 (a)(2), AND RCRA SECTION 3004(D). IN ACCORDANCE WITH 40 CFR 268.7(a), THE EPA WASTE CODE, WASTE SUBCATEGORY, AND TREATABILITY GROUPS, AS APPLICABLE, ARE INCLUDED BELOW.

INSTRUCTIONS - COMPLETE ALL SECTIONS. REFER TO PAGE 3 OF THIS FORM FOR KEY TERMS/DEFINITIONS.

- Column 1 - Line Item: Enter the manifest line item number (e.g., 11a) that corresponds to the waste code(s).
Column 2 - Waste Codes/Subcategory: Check off all applicable waste codes. For D001 through D043, also check applicable subcategory; for F001 through F006, check applicable constituents.
Column 3 - Wastewater/Non-wastewater: Check off "WW" for wastewater and "Non-WW" for non-wastewaters.
Column 4 - LDR Handling Code: Circle the appropriate handling code, as follows:
- The waste is a characteristic hazardous waste D001, D002, D003, D004-D011, or D018-43 which is intended for treatment/disposal in a CWA system, CWA-equivalent system, or Class I SDWA system. Underlying Hazardous Constituents (UHC's) are NOT required to be identified.
 - The waste is a characteristic hazardous waste D001 High TOC Ignitable Liquids Subcategory (i.e., greater than or equal to 10% TOC). Pursuant to 40 CFR 268.40, the waste must be treated using organic recovery (RORGs) or combustion (CMBST) technology. UHC's are NOT required to be identified.
 - The waste is a characteristic hazardous waste D001 (other than High TOC Ignitable Liquids), D002, D003 Explosive, Water Reactive or Other Reactive subcategory, D004-D011, D012-17 non-wastewater, or D018-43 which is intended for treatment/disposal in a non-CWA system, non-CWA-equivalent system, or non-Class I SDWA system located in the United States. All UHC's which are reasonably expected to be present must be identified, except for D001 waste that is intended to be treated using organic recovery (RORGs) or combustion (CMBST) technologies. Identify UHC's by completing Sections I and IV of CHI Form LDR-1 Addendum and attach completed Addendum to this form.
 - The waste is a characteristic (i.e., D-code) or listed (i.e., F-, K-, U-, or P-code) hazardous waste which is intended for export and treatment/disposal at a facility located outside the United States. LDR treatment standards do not apply to hazardous waste treated/disposed in a foreign country, and per USEPA guidance, the identification of UHC's (if applicable) is not required for hazardous waste that is intended to be exported. Note however that if the exported waste is subsequently returned for treatment/disposal in the United States, all applicable LDR regulations would apply and a revised LDR notification would be required.
 - The waste meets the definition of hazardous debris pursuant to 40 CFR 268.2(h) and is intended for treatment/disposal in compliance with the alternate debris treatment technologies of 40 CFR 268.45. In accordance with the requirements of 40 CFR 268.7(a)(2) - the contaminants subject to treatment (CSTT's) must be identified as part of this notification. Identify CSTT's by completing Section III and IV of the CHI Form LDR-1 Addendum and attach completed Addendum to this form. These constituents are being treated to comply with 40 CFR 268.45.
 - The waste is a characteristic waste D003 Reactive Sulfide, Reactive Cyanide, or Unexploded Ordinance subcategory, a characteristic waste D012-17 wastewater, or a listed (i.e., F-, K-, U-, or P-code) hazardous waste. UHC's are NOT required to be identified.
 - The waste is a lab pack that is intended for incineration using the alternative lab pack treatment standard under 40 CFR 268.42(c). UHC's are NOT required to be identified; however, the generator must complete and attach the lab pack certification statement on CHI Form LDR-LP. Note that in accordance with 40 CFR Part 268 Appendix IV, lab packs which contain waste codes D008, F019, K003, K004, K005, K006, K082, K071, K100, K108, P010, P011, P012, P076, P078, U134, and U151 are not eligible for alternative lab pack treatment standard.

NOTE: IF THE WASTE IS A SOIL CONTAMINATED WITH A LISTED OR CHARACTERISTIC WASTE AND THE GENERATOR WANTS TO USE THE ALTERNATE TREATMENT STANDARD FOR SOILS, CONTACT CORPORATE COMPLIANCE FOR THE APPROPRIATE LDR NOTIFICATION FORM.

SECTION I. CHARACTERISTIC WASTES D001 THROUGH D043

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
1, 3, 4, 7, 11	<input checked="" type="checkbox"/> D001 Ignitables, except High TOC subcategory	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 5 6
	<input checked="" type="checkbox"/> D001 High TOC Ignitable Liquids Subcategory (Greater than or equal to 10% TOC)	<input checked="" type="checkbox"/> Non-WW only	1A 3 5 6
3	<input checked="" type="checkbox"/> D002 Corrosives	<input type="checkbox"/> WW <input checked="" type="checkbox"/> Non-WW	1 2 3 4 5 7
8	<input checked="" type="checkbox"/> D003		
	<input type="checkbox"/> Reactive Sulfide, per 261.23 (a)(5)	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 3 4 5 6
	<input type="checkbox"/> Reactive Cyanide, per 261.23(a)(5)	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 3 4 5 6
	<input type="checkbox"/> Explosive, per 261.23(a)(6), (7) & (8)	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> Water Reactive, per 261.23(a)(2), (3) & (4)	<input type="checkbox"/> Non-WW only	1 2 3 4 6
	<input checked="" type="checkbox"/> Other Reactive, per 261.23(a)(1)	<input type="checkbox"/> WW <input checked="" type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> Unexploded Ordinance, Emergency Response	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 3 4 5 6
	<input type="checkbox"/> D004 Arsenic	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D005 Barium	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> D006		
	<input type="checkbox"/> Cadmium	<input type="checkbox"/> WW <input type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> Cadmium Containing Batteries	<input type="checkbox"/> Non-WW only	2 3 6
	<input checked="" type="checkbox"/> D007 Chromium	<input type="checkbox"/> WW <input checked="" type="checkbox"/> Non-WW	1 2 3 4 5 7
	<input checked="" type="checkbox"/> D008		
	<input checked="" type="checkbox"/> Lead	<input type="checkbox"/> WW <input checked="" type="checkbox"/> Non-WW	1 2 3 4 6
	<input type="checkbox"/> Lead Acid Batteries	<input type="checkbox"/> Non-WW only	2 3 6

Line 10 →
added per
Don Madoney
3-28-17
PL

SECTION I. CHARACTERISTIC WASTES D001-43 (CONTINUED)

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
	[] D009		
	[] Low Mercury, less than 260 mg/kg Mercury	[] WW [] Non-WW	1 2 3 4
	[] High Mercury Organic Subcategory	[] Non-WW only	2 3 4
	[] High Mercury Inorganic Subcategory	[] Non-WW only	2 3 4
9,10	[] D010 Selenium	[] WW [] Non-WW	1 2 3 4 6
	[] D011 Silver	[] WW [] Non-WW	1 2 3 4 6
	[] D012 Endrin	[] WW [] Non-WW	2 3 4 5 6
	[] D013 Lindane	[] WW [] Non-WW	2 3 4 5 6
	[] D014 Methoxychlor	[] WW [] Non-WW	2 3 4 5 6
	[] D015 Toxaphene	[] WW [] Non-WW	2 3 4 5 6
	[] D016 2,4-D	[] WW [] Non-WW	2 3 4 5 6
1,3,4	[] D017 2,4,5-TP (Silvex)	[] WW [] Non-WW	2 3 4 5 6
	[] D018 Benzene	[] WW [] Non-WW	1 2 3 4 6 3
	[] D019 Carbon tetrachloride	[] WW [] Non-WW	1 2 3 4 6
	[] D020 Chlordane	[] WW [] Non-WW	1 2 3 4 6
3	[] D021 Chlorobenzene	[] WW [] Non-WW	1 2 3 4 6
	[] D022 Chloroform	[] WW [] Non-WW	1 2 3 4 6 3
	[] D023 o-Cresol	[] WW [] Non-WW	1 2 3 4 6
	[] D024 m-Cresol	[] WW [] Non-WW	1 2 3 4 6
	[] D025 p-Cresol	[] WW [] Non-WW	1 2 3 4 6
	[] D026 Cresol	[] WW [] Non-WW	1 2 3 4 6
	[] D027 1,4-Dichlorobenzene	[] WW [] Non-WW	1 2 3 4 6
	[] D028 1,2-Dichloroethane	[] WW [] Non-WW	1 2 3 4 6
	[] D029 1,1-Dichloroethylene	[] WW [] Non-WW	1 2 3 4 6
	[] D030 2,4-Dinitrotoluene	[] WW [] Non-WW	1 2 3 4 6
	[] D031 Heptachlor (and its epoxide)	[] WW [] Non-WW	1 2 3 4 6
	[] D032 Hexachlorobenzene	[] WW [] Non-WW	1 2 3 4 6
	[] D033 Hexachlorobutadiene	[] WW [] Non-WW	1 2 3 4 6
1,5	[] D034 Hexachloroethane	[] WW [] Non-WW	1 2 3 4 6
	[] D035 Methyl ethyl ketone	[] WW [] Non-WW	1 2 3 4 6
	[] D036 Nitrobenzene	[] WW [] Non-WW	1 2 3 4 6
	[] D037 Pentachlorophenol	[] WW [] Non-WW	1 2 3 4 6
	[] D038 Pyridine	[] WW [] Non-WW	1 2 3 4 6
1	[] D039 Tetrachloroethylene	[] WW [] Non-WW	1 2 3 4 6
	[] D040 Trichloroethylene	[] WW [] Non-WW	1 2 3 4 6
	[] D041 2,4,5-Trichlorophenol	[] WW [] Non-WW	1 2 3 4 6
	[] D042 2,4,6-Trichlorophenol	[] WW [] Non-WW	1 2 3 4 6
	[] D043 Vinyl Chloride	[] WW [] Non-WW	1 2 3 4 6

SECTION II. SPENT SOLVENT WASTES F001 THROUGH F006

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE
3,4	[] F001 [] F002 [] F003 [] F004 [] F005 [] WW [] Non-WW		3 4 5 6 3
3	[] 1. ALL F001-F005		
4	[] 2. Acetone		
	[] 3. Benzene		
	[] 4. n-Butyl alcohol		
	[] 5. Carbon disulfide		
	[] 6. Carbon tetrachloride		
	[] 7. Chlorobenzene		
	[] 8. o-Cresol		
	[] 9. m-Cresol (difficult to distinguish from p-cresol)		
	[] 10. p-Cresol (difficult to distinguish from m-cresol)		
	[] 11. Cresol - mixed isomers (sum of o-, m- and p-cresol)		
	[] 12. Cyclohexanone		
	[] 13. o-Dichlorobenzene		
	[] 14. 2-Ethoxyethanol (F005 only)		
	[] 15. Ethyl acetate		
	[] 16. Ethyl benzene		
	[] 17. Ethyl ether		
	[] 18. Isobutyl alcohol		
	[] 19. Methanol		
	[] 20. Methylene chloride		
	[] 21. Methyl ethyl ketone		
	[] 22. Methyl isobutyl ketone		
	[] 23. Nitrobenzene		
	[] 24. 2-Nitropropane (F005 only)		
	[] 25. Pyridine		
	[] 26. Tetrachloroethylene		
	[] 27. Toluene		
	[] 28. 1,1,1-Trichloroethane		
	[] 29. 1,1,2-Trichloroethane		
	[] 30. Trichloroethylene		
	[] 31. 1,1,2-Trichloro-1,2,2-trifluoroethane		
	[] 32. Trichloromono-fluoro-methane		
	[] 33. Xylene - mixed isomers (sum of o-, m-, and p-xylene)		

SECTION III. CALIFORNIA LIST WASTES

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE					
	Hazardous waste containing one or more of the following [] WW [] Non-WW California List constituents:		1	2	3	4	6	
	[] ALL CALIFORNIA LIST CONSTITUENTS							
	[] Liquids with nickel greater than or equal to 134 mg/l							
	[] Liquids with thallium greater than or equal to 130 mg/l							
	[] Liquids with PCB's > or = 50 ppm							
	[] Waste containing HOC's > or = 1,000 mg/kg							

SECTION IV. OTHER LISTED WASTES (F006-12, F019-F028, F037-38, F039, K-, U-, AND P-CODES)

COLUMN 1: LINE ITEM SEE MANIFEST	COLUMN 2: WASTE CODE / SUBCATEGORY	COLUMN 3: WASTEWATER/ NON-WASTEWATER	COLUMN 4: HANDLING CODE					
		[] WW [] Non-WW	3	4	5	6		
		[] WW [] Non-WW	3	4	5	6		
		[] WW [] Non-WW	3	4	5	6		
		[] WW [] Non-WW	3	4	5	6		
		[] WW [] Non-WW	3	4	5	6		

[] CHECK HERE IF ADDITIONAL LISTED WASTE CODES ARE PRESENT. COMPLETE AND ATTACH LDR-1 CONTINUATION SHEET.

[] CHECK HERE IF WASTE CODE F039 (MULTISOURCE LEACHATE) IS PRESENT. IDENTIFY F039 CONSTITUENTS BY COMPLETING SECTIONS II AND IV OF CHI FORM LDR-1 ADDENDUM AND ATTACH COMPLETED ADDENDUM TO THIS FORM.

SECTION V. CONTACT NAME AND DATE

Print Name: Sam Widmer Date: 2/16/2017

KEY TERMS/DEFINITIONS

CLASS I SDWA SYSTEM means a Class I deep well facility regulated under the Safe Drinking Water Act (SDWA).

CWA SYSTEM means a centralized wastewater treatment facility discharging under a Clean Water Act (CWA) permit. For example, a CWA facility would treat organic or inorganic aqueous wastes and discharge the treated effluent to the local sewer system. Examples of CWA treatment systems owned and operated by Clean Harbors include the wastewater treatment operations at Baltimore (including the CES system), Bristol, Chicago, Cincinnati and Cleveland.

CWA-EQUIVALENT SYSTEM means a "zero discharge system" that engages in "CWA-equivalent" treatment before land disposal. Zero-discharge facilities treat hazardous wastes using "CWA-equivalent" treatment methods, but do not discharge the treatment effluent to a sewer or water body (e.g., spray irrigation land farm). "CWA-equivalent" treatment methods means biological treatment for organics, alkaline chlorination, or ferrous sulfate precipitation for cyanide, precipitation/ sedimentation for metals, reduction of hexavalent chromium, or other treatment technology that can be demonstrated to perform equally or greater than these technologies.

HIGH TOC IGNITABLE LIQUIDS SUBCATEGORY means an ignitable liquid hazardous waste (waste code D001) which contains greater than or equal to 10% total organic carbon (TOC). Pursuant to 40 CFR 268.40, such wastes must be treated using organic recovery (RORGs) or combustion (CMBST) technology. Examples of RORGs technologies include the CES unit at Clean Harbors of Baltimore. Examples of CMBST technologies include hazardous waste fuel blending and subsequent reuse at a cement kiln, or destruction at a RCRA incinerator.

WASTEWATERS are wastes that contain less than 1% by weight total organic carbon (TOC) and less than 1% by weight total suspended solids (TSS). [See 40 CFR 268.2(f)]

MANIFEST NO 006952281JJK

[illegible]

WSDRUM - Drum Viewing[Properties](#) - [Compos](#) - [Tracking Activity](#) - [Inventories](#) - [Lab Results](#) - [History](#) - [Gen Restrict](#) - [Profile Rst chs](#)

Drum: 57878761	Inventory Mgt #: C000002335	Customer Drum #:
Manifest Company: KP	SO Branch: CZ Sales Order #: 1701802125-001	Load #: 1704143
Manifest Number: 007760175FLE	Manifest Line: 1	Lot #: 21894603
Manifest Status: PR	Manifest Page: 1	Shipment Type: DRUM
Profile: LCCRC	UN / NA: UN2810	Final Code Date: 4/24/2017 4:50:05 PM
Pre Waste Class: LCCRC	Testing Waste Class: LCCRC	Processing Waste Class: LCCRC
Date Received: 4/21/2017 3:10:30 PM	Restrictions: N	Billing Waste Class: LCCRC
Container Size: 55	Container Type: DF	Processing Status: YES
Original Quantity: 156	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 156	Weight UOM: LBS	Tare Weight: 25
PCB Type:	Out of Service:	Serial #:
Generator Company: AD2011	Generator Date: 4/20/2017	Generator EPA #: NMD002208627
Area:	Location: KP	Initial Tracking Date: 4/21/2017 3:10:30 PM
Processing Type: Mix Special		
Customer Batch #	Comments: das tox lp	MFG SKU:
Off-spec Reason:		
Waste Numbers:		

D005;P075;U236;U240

Modified by **DOBRINA2**on **4/28/2017 12:18:06 AM**Created: **4/20/2017 4:40:26 PM**

V17041977
3/6

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0002200627		2. Page 1 of 5	3. Emergency Response Phone 1-888-785-7225		4. Manifest Tracking Number 007760175 FLE	
5. Generator's Name and Mailing Address Advanced Chemical Treatment 8133 Edith Blvd NE Albuquerque, NM 87107 505-348-5228								
6. Transporter 1 Company Name Advanced Chemical Transport Inc. (SV)								
7. Transporter 2 Company Name								
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. (KP) 2247 South Highway 71 Rapid, NE 00145 308-236-4012								
9. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))								
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type		11. Total Quantity		12. Unit Wt./Vol.
								13. Waste Codes
X		1. UN2810, Waste Toxic Liquids, Organic, n.e.s., 6.1, PGII, 55gal, CC55252-SP, LCCRC, IC4879-1		1 DF		166		P
X		2. UN3082, Environmentally Hazardous Substance, Liquid, n.e.s., 9, PGII, 55gal, CC55252-SP, LCCRC, IC4879-2		1 DF		201		P
X		3. UN2810, Waste Toxic Liquids, Organic, n.e.s., 6.1, PGII, 55gal, CC55252-SP, LCCRC, IC4879-3		1 DF		147		P
X		4. UN1325, Waste Flammable Solids, Organic, n.e.s., 4.1, PGII, 5gal, CC55277-SP, LRCTD, IC4399-4		1 DF		5		P
14. Special Handling Instructions and Additional Information Internal Project Number - Document # 501949 1) CC55252-SP 3) U007, U044, U080, U188, U248; CC55252-SP								
15. GENERATOR/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations, if export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name Paula Givens Signature [Signature] Month Day Year 4/20/17								
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name R Martinez Signature [Signature] Month Day Year 4/20/17 Transporter 2 Printed/Typed Name Signature Month Day Year								
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number:								
18b. Alternate Facility (or Generator) U.S. EPA ID Number								
18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
1. H040		2. H040		3. H040		4. H141		
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Jessica Egoli Signature Jessica Egoli Month Day Year 4/20/17								

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 2 of 5	23. Manifest Tracking Number 007780175 FLE	
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107					
25. Transporter _____ Company Name				U.S. EPA ID Number	
26. Transporter _____ Company Name				U.S. EPA ID Number	
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.
X	5) UN3488, IODINE, 8(5.1), PGIII, 30GAL, CC55277-SP, LCCRA, IC4511-1	1	DF	170	P
X	6) UN2810, Waste Toxic Liquids, Organic, n.o.s., 8.1, PGII, 55gal, CC55277-SP, LCCRC, IC4878-5	1	DF	149	P
X	7) UN2031, R.O. Waste Nitric Acid, other than red fuming, with at least 65% but not more than 70% Nitric Acid, 8(5.1), PGII, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRA, IC5043-2	1	DF	186	P
X	8) UN2031, R.O. Waste Nitric Acid, other than red fuming, with at least 65% but not more than 70% Nitric Acid, 8(5.1), PGII, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRA, IC5043-3	1	DF	136	P
X	9) UN2031, R.O. Waste Nitric Acid, other than red fuming, with more than 70% Nitric Acid, 8(5.1), PGI, NFPA 2 Oxidizer, 10gal, CC55277-SP, LCCRA, IC5043-2	1	DF	7	P
X	10) UN2334, Waste Aylamine, 6.1(3), PGI, Poison Inhalation Hazard, Zone B, DOT-SP11248, 5gal, LCCRI, IC5043-11	1	CF	5	P
X	11) UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S., 4.1, PGI, CC55277-SP, LCCRD, 5GAL, IC5043-24	1	DF	10	P
X	12) UN2334, Waste Aylamine, 6.1 (3), PGI, POISON INHALATION HAZARD, ZONE B, DOT-SP11248, 10gal, CC55277-SP, LCCRI, IC44202-8	1	CF	6	P
X	13) UN3254, R.O. Waste Corrosive Liquids, Acidic, inorganic, n.o.s., 8. PGII, RO=D002, 55gal, CC55277-SP, LCCRA, IC5094-5	1	DF	199	P
X	14) UN2031, R.O. Waste Nitric Acid, other than red fuming with at least 65% but not more than 70% Nitric Acid, 8(5.1), PGI, RO=D001, D002, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRA, IC	1	DF	282	P
32. Special Handling Instructions and Additional Information 5) ERG#: CC55277-SP ADC- _____ 7) ERG#: CC55277-SP ADC- _____ 8) ERG#: CC55277-SP ADC- _____ 9) ERG#: CC55277-SP ADC- _____ 10) ERG#: CC55277-SP ADC- _____ 11) ERG#: CC55277-SP ADC- _____ 12) ERG#: CC55277-SP ADC- _____ 13) ERG#: CC55277-SP ADC- _____ 14) ERG#: CC55277-SP ADC- _____					
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
35. Discrepancy _____					
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 5. H040 16. H040 17. H040 18. H040 19. H040 10. H141 11. H040 12. H141 13. H040 14. H040					

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 3 of 5	23. Manifest Tracking Number 097760175 FLE				
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE Albuquerque, NM 87107								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	15) UN2014, R.Q. Waste Hydrogen Peroxide, Aqueous Solutions, with not < 20%, but not > 40% Hydrogen Peroxide, 5.1(8), PGI, RQ=D001, D002, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRQ, K	1	DF	163	P	D001	D002	
X	16) UN2014, R.Q. Waste Hydrogen Peroxide, Aqueous Solutions, with not < 20%, but not > 40% Hydrogen Peroxide, 5.1(8), PGI, RQ=D001, D002, NFPA 2 Oxidizer, 55gal, CC55277-SP, LRCTQ, IC	1	DF	237	P	D001	D002	
X	17) UN2014, R.Q. Waste Hydrogen Peroxide, Aqueous Solutions, with not < 20%, but not > 40% Hydrogen Peroxide, 5.1(8), PGI, RQ=D001, D002, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRQ, K	1	DF	246	P	D001	D002	
X	18) UN1478, R.Q. Waste Oxidizing Solids, n.o.s., 5.1, PGI, RQ=D001, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRQ	1	DF	196	P	D001	D011	
X	19) UN1477, R.Q. Waste Nitrate, Inorganic, Solutions, n.o.s., 5.1, PGI, RQ=D001, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRQ, IC5001-8	1	DF	166	P	D001	D005	D008
X	20) UN1478, R.Q. Waste Oxidizing Solids, n.o.s., 5.1, PGI, RQ=D001, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRQ, IC5001-7	1	DF	152	P	D001	D005	D008
X	21) UN3122, R.Q. Waste Toxic Liquids, Oxidizing, n.o.s., 5.1(5.1), PGI, RQ=D001, D007, NFPA 2 Oxidizer, 55gal, CC55277-SP, LRRCC, IC5001-8	1	DF	196	P	D001	D007	
X	22) UN3088, R.Q. Waste Oxidizing Liquid, Corrosive, n.o.s., 5.1(8), PGI, RQ=D001, D002, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRQ, IC5001-9	1	DF	257	P	D001	D002	D005
X	23) UN3088, R.Q. Waste Oxidizing Liquid, Corrosive, n.o.s., 5.1(8), PGI, RQ=D001, D002, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRQ, IC5001-10	1	DF	165	P	D001	D002	D005
X	24) UN3088, R.Q. Waste Oxidizing Liquid, Corrosive, n.o.s., 5.1(8), PGI, RQ=D001, D002, NFPA 2 Oxidizer, 55gal, CC55277-SP, LCCRQ, IC5001-11	1	DF	208	P	D001	D002	D005
15) ERG#: CC55277-SP ADC- _____ 16) ERG#: CC55277-SP ADC- _____ 17) ERG#: CC55277-SP ADC- _____ 18) ERG#: CC55277-SP ADC- _____ 18) ERG#: CC55277-SP ADC- _____ 20) ERG#: CC55277-SP ADC- _____ 21) ERG#: CC55277-SP ADC- _____ 22) ERG#: CC55277-SP ADC- _____ 23) ERG#: CC55277-SP ADC- _____ 24) ERG#: CC55277-SP ADC- _____								
33. Transporter _____ Acknowledgment of Receipt of Materials								
Printed/Typed Name		Signature			Month Day Year			
34. Transporter _____ Acknowledgment of Receipt of Materials								
Printed/Typed Name		Signature			Month Day Year			
35. Discrepancy								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
15. H141		16. H141		17. H141		18. H141		19. H141
20. H141		21. H040		22. H141		23. H141		24. H040

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 4 of 5	23. Manifest Tracking Number 997780175 FLE				
24. Generator's Name Advanced Chemical Treatment 8133 Edith Blvd NE Albuquerque, NM 87107								
25. Transporter _____ Company Name				U.S. EPA ID Number				
26. Transporter _____ Company Name				U.S. EPA ID Number				
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
		No.	Type					
X	25) UN3254, R.Q. Waste Corrosive Liquid, Acidic, inorganic, n.o.s., 8, PGII, RQ=D002, 55gal, CC55277-SP, LCCRA, IC5001-12	1	DF	207	P	D002	D005	D011
X	26) UN3088, R.Q. Waste Oxidizing Liquid, Corrosive, n.o.s., 5.1(8), PGII, RQ=D001, D002, NFPA2 Oxidizer, 55gal, CC55277-SP, LCCRO, IC5001-13	1	DF	113	P	D001	D002	D005
X	27) UN3088, R.Q. Waste Oxidizing Liquid, Corrosive, n.o.s., 5.1(8), PGII, RQ=D001, D002, NFPA2 Oxidizer, 55gal, CC55277-SP, LCCRO, IC5001-14	1	DF	163	P	D001	D002	D005
X	28) UN2031, R.Q. Waste Nitric Acid, other than red fuming with at least 65% but not more than 70% Nitric Acid, 8(3.1), PGII, RQ=D001, D002, NFPA2 Oxidizer, 30gal, CC55277-SP, LCCRA, IC	1	DF	121	P	D001	D002	
X	29) UN3254, Waste Corrosive Liquid, Acidic, inorganic, n.o.s., 8, PGII, 30gal, CC55277-SP, LCCRA, IC5001-15	1	DF	83	P	D002	D005	D007
X	30) UN3088, Waste Oxidizing Liquid, Corrosive, n.o.s., 5.1(8), PGII, NFPA2 Oxidizer, 15gal, CC55277-SP, LCCRO, IC5001-17	1	DF	35	P	D001	D002	D011
X	31) UN3088, R.Q. Waste Oxidizing Liquid, Corrosive, n.o.s., 5.1(8), PGII, RQ=D001, D002, NFPA2 Oxidizer, 15gal, CC55277-SP, LCCRO, IC5001-18	1	DF	47	P	D001	D002	D005
X	32) UN2455, Waste Dichloroisocyanuric Acid, Dry, 5.1, PGII, NFPA 2 Oxidizer, 15gal, CC55277-SP, LCCRO, IC5001-44 20 (PAO)	1	DF	45	P	D001		
X	33) UN3088, Waste Oxidizing Liquid, Corrosive, n.o.s., 5.1(8), PGII, NFPA2 Oxidizer, 10gal, CC55277-SP, LCCRO, IC5001-21	1	DF	21	P	D001		
X	34) UN1480, Waste Potassium Permanganate, 5.1, PGII, NFPA 2 Oxidizer, 5gal, CC55277-SP, LCCRO, IC5001-25	1	DF	6	P	D001		
25) ERG#: CC55277-SP ADC-_____ 28) ERG#: CC55277-SP ADC-_____ 27) ERG#: CC55277-SP ADC-_____								
28) ERG#: CC55277-SP ADC-_____ 29) ERG#: CC55277-SP ADC-_____ 30) ERG#: CC55277-SP ADC-_____								
31) ERG#: CC55277-SP ADC-_____ 32) ERG#: CC55277-SP ADC-_____ 33) ERG#: CC55277-SP ADC-_____								
34) ERG#: CC55277-SP ADC-_____								
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials							
	Printed/Typed Name		Signature		Month Day Year			
DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials							
	Printed/Typed Name		Signature		Month Day Year			
35. Discrepancy Line 32 Section 27b Amended to "UN2468, waste Trichloroisocyanuric Acid, Dry, 5.1, PG II" per Phil Ortega. JE 4-2747								
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
25. H040 26. H141 27. H141 28. H040 29. H040								
30. H141 31. H141 32. H141 33. H141 34. H141								

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

GENERATOR NAME	MANIFEST NUMBER
Advanced Chemical Treatment	007760175 FLE

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
1	CC55252-SP / CC55252-SP	D005 P075 U236 U248			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
2	CC55252-SP / CC55252-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
3	CC55252-SP / CC55252-SP	D004 D005 D007 D008 D011 D022 U007 U044 U080 U188 U248			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
4	CC55277-SP / CC55277-SP	D001	<i>Ignitable Characteristic Waste</i>		NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
5	CC55277-SP / CC55277-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
6	CC55277-SP / CC55277-SP	U012			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
7	CC55277-SP / CC55277-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
8	CC55277-SP / CC55277-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
9	CC55277-SP / CC55277-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
10	CC55277-SP / CC55277-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
11	CC55277-SP / CC55277-SP	D001	<i>Ignitable Characteristic Waste</i>		NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
12	CC55277-SP / CC55277-SP	D001	<i>Ignitable Characteristic Waste</i>		NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
13	CC55277-SP / CC55277-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
14	CC55277-SP / CC55277-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
15	CC55277-SP / CC55277-SP	D001 D002			NWW	

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
16	CC55277-SP / CC55277-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
17	CC55277-SP / CC55277-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
18	CC55277-SP / CC55277-SP	D001 D011			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
19	CC55277-SP / CC55277-SP	D001 D005 D008 D011			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
20	CC55277-SP / CC55277-SP	D001 D005 D008 D011			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
21	CC55277-SP / CC55277-SP	D001 D007			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
22	CC55277-SP / CC55277-SP	D001 D002 D005 D007 D008 D011			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
23	CC55277-SP / CC55277-SP	D001			NWW	
		D002				
		D005				
		D007				
		D008				
		D011				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
24	CC55277-SP / CC55277-SP	D001			NWW	
		D002				
		D005				
		D007				
		D008				
		D011				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
25	CC55277-SP / CC55277-SP	D002			NWW	
		D005				
		D011				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
26	CC55277-SP / CC55277-SP	D001			NWW	
		D002				
		D005				
		D007				
		D008				
		D011				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
27	CC55277-SP / CC55277-SP	D001			NWW	
		D002				
		D005				
		D007				
		D008				
		D011				

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
28	CC55277-SP / CC55277-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
29	CC55277-SP / CC55277-SP	D002 D005 D007			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30	CC55277-SP / CC55277-SP	D001 D002 D011			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	CC55277-SP / CC55277-SP	D001 D002 D005 D011			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC55277-SP / CC55277-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
33	CC55277-SP / CC55277-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
34	CC55277-SP / CC55277-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
35	CC55277-SP / CC55277-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
36	CC55277-SP / CC55277-SP	D001			NWW	

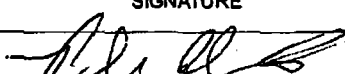
ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
- B. Lab Pack Waste Qualifying for Alternative Treatment und 40 CFR 268.40
- C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
- E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
- J. Certification for contaminated soil treated in accordance with 40 CFR 268.49
Waste analysis is attached where available; otherwise the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	
	Chemist	4/4/17

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WSDRUM - Drum Viewing[Properties](#) [Composition](#) [Tracking Activity](#) [Instructions](#) [Lab Results](#) [History](#) [Gen Restrictions](#) [Profile Restrictions](#)Drum:

Inventory Mgt #:

Customer Drum #: Manifest Company: **KP**SO Branch: **CZ** Sales Order #: **1701792400-001**Load #: **1704143**Manifest Number: **007750184FLE-5**Manifest Line: **39**Lot #: **21893964**Manifest Status: **PR**Manifest Page: **7**Shipment Type: **DRUM**Profile: **LCCRC**UN / NA: **UN2810**Final Code Date: **4/24/2017 4:25:11 PM**Pre Waste Class: **LCCRC**Testing Waste Class: **LCCRC**Processing Waste Class: **LCCRC**Date Received: **4/21/2017 3:22:46 PM**Restrictions: **N**Billing Waste Class: **LCCRC**Container Size: **55**Container Type: **DF**Processing Status: **YES**Original Quantity: **162**Current Quantity: **0**Quantity UOM: **LBS**Drum Weight: **162**Weight UOM: **LBS**Tare Weight: **25**

PCB Type:

Out of Service:

Serial #:

Generator Company: **AD2011**Generator Date: **4/20/2017**Generator EPA #: **NMD002208627**

Area:

Location: **KP**Initial Tracking Date: **4/21/2017 3:22:46 PM**Processing Type: **Mix Special**

Customer Batch #

Off-spec Reason:

Comments: **tw tox lp**

MFG SKU:

Waste Numbers:

D005;D011;P120

Modified by **DOBRINA2**on **4/28/2017 12:18:06 AM**Created: **4/21/2017 1:03:25 PM**

V17041978

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NMD002208827	2. Page 1 of 10	3. Emergency Response Phone 1-888-785-7225	4. Manifest Tracking Number 007760184 FLE		
5. Generator's Name and Mailing Address Advanced Chemical Treatment 6133 Edith Blvd NE Albuquerque, NM 87107 505-349-5220							
6. Generator's Site Address (if different than mailing address)							
6. Transporter 1 Company Name Advanced Chemical Transport Inc. (SV)				U.S. EPA ID Number CAR000070540			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. (KP) 2247 South Highway 71 Rimball, NE 68145 308 235 4012				U.S. EPA ID Number NED981723513			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1. UN1325, R.Q. Waste Flammable Solids, Organic, n.o.s., 4.1, PGII, RQ=D001, 55gal, CC55314-SP, LCCRD, IC6013-7	1	DF	128	P	D001
	X	2. UN2020, R.Q. Waste Corrosive Liquid, Flammable, n.o.s., 8(3), PGII, RQ=D001, D002, 55gal, CC55314-SP, LCCRC, IC4882-1	1	DF	161	P	D001 D002
	X	3. UN2020, R.Q. Waste Corrosive Liquid, Flammable, n.o.s., 8(3), PGII, RQ=D001, D002, 55gal, CC55314-SP, LCCRD, IC4882-2	1	DF	168	P	D001 D002
	X	4. UN2024, R.Q. Waste Flammable Liquid, Corrosive, n.o.s., 3(8), PGII, RQ=D001, D002, 55gal, CC55314-SP, LCCRD, IC4882-3	1	DF	186	P	D001 D002 D022
14. Special Instructions and Additional Information Internal Project Number - Document #: 801959 1) CC55314-SP 3) CC55314-SP 2) CC55314-SP 4) CC55314-SP CH 50K 1701792400							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name Bills Gurnash Signature [Signature] Month Day Year 4/20/17							
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
	Transporter signature (for exports only):						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name R. Martinez	Signature [Signature]	Month Day Year 4/20/17				
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name [Signature] Signature [Signature] Month Day Year 4/20/17						
	18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H040		2. H040		3. H040		4. H040	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Jessica Egpli		Signature [Signature]		Month Day Year 4/21/17			

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NND002208627	22. Page 2 of 10	23. Manifest Tracking Number 007760184 FLE			
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
	X	5) UN2824, R.Q. Waste Flammable Liquid, Corrosive, n.o.s., 3(8), PGI, RQ=D001, D002, 55gal, CC55314-SP, LCCRC, IC4882-4	1	DF	77	P	D001 D002
	X	6) UN2824, R.Q. Waste Flammable Liquid, Corrosive, n.o.s., 3(8), PGI, RQ=D001, D002, 55gal, CC55314-SP, LCCRC, IC4882-5	1	DF	221	P	D001 D002
	X	7) UN3285, R.Q. Waste Corrosive Liquid, Acidic, Organic, n.o.s., 8, PGI, RQ=D002, 55gal, CC55314-SP, LCCRC, IC4882-6	1	DF	188	P	D002 D010
	X	8) UN3285, R.Q. Waste Corrosive Liquid, Acidic, Organic, n.o.s., 8, PGI, RQ=D002, 55gal, CC55314-SP, LCCRC, IC4882-7	1	DF	125	P	D002
	X	9) UN3285, R.Q. Waste Corrosive Liquid, Acidic, Organic, n.o.s., 8, PGI, RQ=D002, 55gal, CC55314-SP, LCCRC, IC4882-8	1	DF	132	P	D002
	X	10) UN3285, R.Q. Waste Corrosive Liquid, Acidic, Organic, n.o.s., 8, PGI, RQ=D002, 55gal, CC55314-SP, LCCRC, IC4882-10	1	DF	196	P	D002
	X	11) UN3285, R.Q. Waste Corrosive Liquid, Acidic, Organic, n.o.s., 8, PGI, RQ=D002, 55gal, CC55314-SP, LCCRC, IC4882-11	1	DF	135	P	D002
	X	12) UN2910, Waste Toxic Liquids, Organic, n.o.s., 8.1, PGI, 55gal, CC55314-SP, LCCRC, IC4878-4	1	DF	212	P	D005 D022 U044 U188
	X	13) UN2810, Waste Toxic Liquids, Organic, n.o.s., 8.1, PGI, 55gal, CC55314-SP, LCCRC, IC4878-6	1	DF	216	P	U058 U011 U188
	X	14) UN2811, Toxic Solids, Organic, n.o.s., 8.1, PGI, 55gal, CC55314-SP, LCCRC, IC4878-7	1	DF	172	P	NONE
	5) ERG#: CC55314-SP ADC-_____ 6) ERG#: CC55314-SP ADC-_____ 7) ERG#: CC55314-SP ADC-_____ 8) ERG#: CC55314-SP ADC-_____ 9) ERG#: CC55314-SP ADC-_____ 10) ERG#: CC55314-SP ADC-_____ 11) ERG#: CC55314-SP ADC-_____ 12) ERG#: CC55314-SP ADC-_____ 13) ERG#: CC55314-SP ADC-_____ 14) ERG#: CC55314-SP ADC-_____ 15) ERG#: CC55314-SP ADC-_____ 						
	TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials					
		Printed/Typed Name	Signature		Month Day Year		
	DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year			
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
5. H040 16. H040 17. H040 18. H040 19. H040							
10. H040 11. H040 12. H040 13. H040 14. H040							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 8 of 10	23. Manifest Tracking Number 007780184 ELE		
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
		No.	Type			
X	15) UN2811, Toxic Solids, Organic, n.o.s., 6.1, PGM, 55gal, CC55314-SP, LCCRC, IC4879-8	1	DF	177	P	NONE
X	15) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGM, 55gal, CC55314-SP, LCCRC, IC4879-9	1	DF	144	P	D005
X	17) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGM, 55gal, CC55314-SP, LCCRC, IC4879-10	1	DF	120	P	D005
X	18) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGM, 55gal, CC55314-SP, LCCRC, IC4879-11	1	DF	114	P	D005 D011
X	18) UN3284, R.Q. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGM, RO=D002, 55gal, CC55314-SP, LCCRA, IC4879-12	1	DF	24	P	D002
X	20) UN3284, R.Q. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGM, RO=D002, 55gal, CC55314-SP, LCCRA, IC4879-13	1	DF	112	P	D002
X	21) UN2810, Toxic Liquids, Organic, n.o.s., 6.1, PGM, 55gal, CC55314-SP, LCCRC, IC4879-14	1	DF	132	P	NONE
X	22) UN2811, Waste Toxic Solids, Organic, n.o.s., 6.1, PGM, 55gal, CC55314-SP, LCCRC, IC4879-15	1	DF	111	P	D005 D011 U144
	23) Non-RCRA Regulated, Non-DOT Hazardous Material, 55gal, CC55314-SP, LCCRN, IC4879-16	1	DF	181	P	NONE
X	24) UN2810, Toxic Liquids, Organic, n.o.s., 6.1, PGM, 55gal, CC55314-SP, LCCRC, IC4879-18	1	DF	126	P	NONE
32. Special Handling Instructions and Additional Information 15) ERG#: CC55314-SP ADC- _____ 16) ERG#: CC55314-SP ADC- _____ 17) ERG#: CC55314-SP ADC- _____ 18) ERG#: CC55314-SP ADC- _____ 19) ERG#: CC55314-SP ADC- _____ 20) ERG#: CC55314-SP ADC- _____ 21) ERG#: CC55314-SP ADC- _____ 22) ERG#: CC55314-SP ADC- _____ 23) ERG#: CC55314-SP ADC- _____ 24) ERG#: CC55314-SP ADC- _____						
33. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy _____						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 15. H040 16. H040 17. H040 18. H040 19. H040 20. H040 21. H040 22. H040 23. H040 24. H040						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NND004308627	22. Page 1 of 10	23. Manifest Tracking Number 997760184 FLE			
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE Albuquerque, NM 87107							
25. Transporter Company Name				U.S. EPA ID Number			
26. Transporter Company Name				U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	X	25) UN1992, R.O. Waste Flammable Liquid, Toxic, n.o.s., 3(6.1), PGI, RQ=D001, 55gal, CC55307-SP, LCCRD, IC4036-1	1	DF	202	P	U154 D001
	X	26) UN1992, Waste Flammable Liquid, Toxic, n.o.s., 3(6.1), PGI, 30gal, CC55307-SP, LCCRD, IC4828-1	1	DF	92	P	F002 F003 U092 D001
	X	27) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGI, 55gal, CC55307-SP, LCCRC, IC4889-6	1	DF	208	P	D011 D022 U044 D007 U188
	X	28) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGI, 55gal, CC55307-SP, LCCRC, IC4889-6	1	DF	230	P	U007
	X	28) UN2810, Toxic Liquids, Organic, n.o.s., 6.1, PGI, 55gal, CC55307-SP, LCCRC, IC4889-9	1	DF	168	P	NONE
	X	30) UN3284, R.O. Waste Corrosive Liquids, Acidic, Inorganic, n.o.s., 8, PGI, RQ=D002, 55gal, CC55307-SP, LCCRA, IC4889-10	1	DF	162	P	D002
	X	31) UN3085, Waste Oxidizing Solid, Corrosive, n.o.s., 5.1(8), PGI, NFPA Class 3 Oxidizer, 5gal, CC55307-SP, LRCTQ, IC5001-23	1	DF	6	P	D001
	X	32) UN3105, Waste Organic Peroxide, Type D Liquid, 5.2, 20gal, CC55307-SP, LRCTQ, IC4358-2	1	DF	36	P	D001 D003 U400 P40
	X	33) UN3105, Waste Organic Peroxide, Type D Liquid, 5.2, 5gal, CC55307-SP, LRCTQ, IC5028-8	1	DF	11	P	U400 D001 D003 P40
	X	34) UN3108, Waste Organic Peroxide, Type E Solid, 5.2, 15gal, CC55307-SP, LRCTQ, IC4358-4	1	DF	49	P	D001 D003
	32. Special Handling Instructions and Additional Information 25) ERG#: CC55307-SP ADC-_____ 26) ERG#: CC55307-SP ADC-_____ 27) ERG#: CC55307-SP ADC-_____ 28) ERG#: CC55307-SP ADC-_____ 28) ERG#: CC55307-SP ADC-_____ 29) ERG#: CC55307-SP ADC-_____ 31) ERG#: CC55307-SP ADC-_____ 32) ERG#: CC55307-SP ADC-_____ 33) ERG#: CC55307-SP ADC-_____ 34) ERG#: CC55307-SP ADC-_____						
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
	34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
DESIGNATED FACILITY	35. Discrepancy						
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 25. H040 26. H040 27. H040 28. H040 29. H040 30. H040 31. H141 32. H141 33. H141 34. H141						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627		22. Page 5 of 10	23. Manifest Tracking Number 007760184 FLE		
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes	
		No.	Type				
X	35) UN2024, Waste Flammable Liquid, Corrosive, n.o.s., 3(6), PGI, 15gal, CC55307-SP, LCCRD, IC5033-2	1	DF	58	P	D001 D002	
	36) Non-RCRA Regulated, Non-DOT Hazardous Material, 55gal, CC55409-SP, LCCRC, IC5015-2	1	DM	27	P	NONE	
X	37) UN2811, Waste Toxic Solids, Organic, n.o.s., 8.1, PGI, 55gal, CC55409-SP, LCCRC, IC5015-3	1	CF	61	P	D008 D006	
X	38) UN3254, Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, 55gal, CC55409-SP, LCCRA, IC5015-4	1	DF	185	P	D002	
X	39) UN2810, Waste Toxic Liquids, Organic, n.o.s., 8.1, PGI, 55gal, CC55409-SP, LCCRC, IC5015-5	1	DF	162	P	D005 P120 D011	
	40) Non-RCRA Regulated, Non-DOT Hazardous Material, 55gal, CC55409-SP, LCCRC, IC5015-5	1	DF	203	P	NONE	
X	41) UN2810, Waste Toxic Liquids, Organic, n.o.s., 8.1, PGI, 55gal, CC55409-SP, LCCRC, IC5015-7	1	DF	162	P	D005 D008	
X	42) UN2810, Waste Toxic Liquids, Organic, n.o.s., 8.1, PGI, 55gal, CC55409-SP, LCCRC, IC5015-8	1	DF	211	P	D008 D011 U198	
X	43) UN1823, Sodium Hydroxide, Solid, 8, PGI, 55gal, CC55409-SP, LCCRB, IC5015-9	1	DF	458	P	NONE	
X	44) UN1823, R.Q. WASTE SODIUM HYDROXIDE, SOLUTION, 8, PGI, RQ-D002, 55GAL, CC55409-SP, LCCRB, IC5015-10	1	DF	447	P	D002	
32. Special Handling Instructions and Additional Information							
35) ERG#: CC55307-SP ADC-_____ 36) ERG#: CC55409-SP ADC-_____ 37) ERG#: CC55409-SP ADC-_____							
38) ERG#: CC55409-SP ADC-_____ 39) ERG#: CC55409-SP ADC-_____ 40) ERG#: CC55409-SP ADC-_____							
41) ERG#: CC55409-SP ADC-_____ 42) ERG#: CC55409-SP ADC-_____ 43) ERG#: CC55409-SP ADC-_____							
44) ERG#: CC55409-SP ADC-_____							
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials						
	Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	34. Transporter Acknowledgment of Receipt of Materials						
	Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
35. H040 36. H040 37. H040 38. H040 39. H040							
40. H040 41. H040 42. H040 43. H040 44. H040							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NND0002208627	22. Page 8 of 10	23. Manifest Tracking Number 927780184 FLE		
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
X	46) UN2828, R.O. Waste Corrosive Liquid, Flammable, n.o.s., 8(3), PGI, RO=D001, D022, 55gal, CC55409-SP, LCCRC, IC5015-11	1	DF	273	P	D001 D002
X	46) UN1882, R.O. WASTE FLAMMABLE LIQUID, TOXC, N.O.S., 8(1), PGI, RO=D001, D022, F003, 55GAL, CC55409-SP, LCCRD, IC5015-12	1	DF	190	P	F003 D001 D022
X	47) UN3284, Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, 30gal, CC55409-SP, LCCRA, IC5015-13	1	DF	86	P	D022
X	48) UN3285, Waste Corrosive Liquid, Acidic, Organic, n.o.s., 8, PGI, 55gal, CC55409-SP, LCCRC, IC5033-1	1	DF	125	P	D022
X	48) UN3284, R.O. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-1	1	DF	214	P	D022
X	50) UN3284, R.O. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-2	1	DF	259	P	D002
X	51) UN3284, R.O. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-3	1	DF	276	P	D002 D007
X	52) UN3284, R.O. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-4	1	DF	247	P	D022
X	53) UN3284, R.O. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-5	1	DF	168	P	D002
X	54) UN3284, R.O. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-6	1	DF	135	P	D002 D007
32. Spill/Leak, Release, and Additional Information						
45) ERGW: CC55409-SP ADC- _____ 46) ERGW: CC55409-SP ADC- _____ 47) ERGW: CC55409-SP ADC- _____						
48) ERGW: CC55409-SP ADC- _____ 49) ERGW: CC55409-SP ADC- _____ 50) ERGW: CC55409-SP ADC- _____						
51) ERGW: CC55409-SP ADC- _____ 52) ERGW: CC55409-SP ADC- _____ 53) ERGW: CC55409-SP ADC- _____						
54) ERGW: CC55409-SP ADC- _____						
33. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
34. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
45. H040 46. H040 47. H040 48. H040 49. H040						
50. H040 51. H040 52. H040 53. H040 54. H040						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627		22. Page of 10		23. Manifest Tracking Number 007780184 FLE			
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE Albuquerque, NM 87107									
25. Transporter _____ Company Name						U.S. EPA ID Number			
26. Transporter _____ Company Name						U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes			
		No.	Type						
X	55) UN3284, R.Q. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-7	1	DF	174	P	D002			
X	56) UN3285, R.Q. Waste Corrosive Liquid, Acidic, Organic, n.o.s., 8, PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-8	1	DF	198	P	D002			
X	57) UN2922, R.Q. Waste Corrosive Liquid, Toxic, n.o.s., 8(6.1), PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-9	1	DF	190	P	D002			
X	58) UN1780, R.Q. Waste Hydrofluoric Acid, 8(6.1), PGI, RO=D002, 55gal, CC55409-SP, LCCRA, IC5035-10	1	DF	271	P	D002	U134		
X	59) UN2014, R.Q. Waste Hydrogen Peroxide, Aqueous Solutions, 8.1(8), PGI, RO=D001, D002, 30gal, CC55409-SP, LCCRA, IC5035-13	1	DF	82	P	D001	D002		
X	50) UN1790, Waste Hydrofluoric Acid, 8(6.1), PGI, 55gal, CC55409-SP, LCCRA, IC5035-14	1	DF	46	P	D002	U134		
X	31) UN3485, Iodine, 8(6.1), PGI, 5gal, CC55409-SP, LCCRC, IC5037-1	1	DF	13	P	NONE			
X	62) UN2922, R.Q. Waste Corrosive Liquid, Toxic, n.o.s., 8(6.1), PGI, RO=D002, 55gal, CC55410-SP, LCCRC, IC5036-1	1	DF	234	P	F001	D002		
X	53) UN2734, R.Q. Waste Polyamine, Liquid, Corrosive, Flammable, n.o.s., 8 (3), PGI, RO=D001, D002, 55gal, CC55410-SP, LCCRC, IC5036-2	1	DF	120	P	D001	D002		
X	54) UN2734, R.Q. Waste Polyamine, Liquid, Corrosive, Flammable, n.o.s., 8 (3), PGI, RO=D001, D002, 55gal, CC55410-SP, LCCRC, IC5036-3	1	DF	165	P	D001	D002		
29. Special Handling Instructions and Additional Information 56) ERG#: CC55409-SP ADC- _____ 58) ERG#: CC55409-SP ADC- _____ 57) ERG#: CC55409-SP ADC- _____ 58) ERG#: CC55409-SP ADC- _____ 59) ERG#: CC55409-SP ADC- _____ 60) ERG#: CC55409-SP ADC- _____ 61) ERG#: CC55409-SP ADC- _____ 62) ERG#: CC55410-SP ADC- _____ 63) ERG#: CC55410-SP ADC- _____ 64) ERG#: CC55410-SP ADC- _____									
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials								
	Printed/Typed Name				Signature		Month Day Year		
DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials								
	Printed/Typed Name				Signature		Month Day Year		
35. Discrepancy									
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
55. H040 56. H040 57. H040 58. H040 59. H141 60. H040 61. H040 62. H040 63. H040 64. H040									

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 9 of 10	23. Manifest Tracking Number 007780184 FLE			
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	X	55) UN2727, R.O. Waste Toxic Liquid, Corrosive, Organic, n.o.s., 8.1 (8), PGI, RD=D002, 55gal, CC55410-SP, LCCRC, IC5038-4 <i>PKO</i>	1	DF	172	P	D002
	X	56) UN2719, Waste Acetic Acid, Glacial, 8(3), PGI, 39gal, CC55410-SP, LCCRC, IC5038-5	1	DF	92	P	D001 D002
	X	57) UN2810, Waste Toxic Liquids Organic, n.o.s., 8.1, PGI, 55gal, CC55410-SP, LCCRC, IC5038-1	1	DF	181	P	D007 D022 U244 U958 U188
	X	58) UN3250, Corrosive Solid, Acidic, Inorganic, n.o.s., 8, PGI, 55gal, CC55410-SP, LCCRA IC5038-2	1	DF	103	P	NONE
	X	59) UN3284, R.O. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RD=D002, 55gal, CC55410-SP, LCCRA, IC5038-3	1	DF	132	P	D002
	X	70) UN3280, Corrosive Solid, Acidic, Inorganic, n.o.s., 8, PGI, 55gal, CC55410-SP, LCCRA IC5038-4	1	DF	137	P	NONE
	X	71) UN1982, R.O. Waste Flammable Liquid, Toxic, n.o.s., 3(8.1), PGI, RD=D001, 55gal, CC55410-SP, LCCRD, IC5038-5	1	DF	144	P	D001 D022 R003
	X	72) UN3284, R.O. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RD=D002, 55gal, CC55410-SP, LCCRA IC5038-6 CC-SP, LCCRA IC5038-5	1	DF	118	P	D002
	X	73) UN3284, R.O. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGI, RD=D002, 55gal, CC55410-SP, LCCRA IC5038-7	1	DF	125	P	D002 D007
X	74) UN1925, Waste Flammable Solids, Organic, n.o.s., 4.1, PGI, 30gal, 55gal, CC55410-SP, LCCRD, IC5038-8	1	DF	52	P	D001	
35) ERG#; CC55410-SP ADC- _____ 58) ERG#; CC55410-SP ADC- _____ 71) ERG#; CC55410-SP ADC- _____ 74) ERG#; CC55410-SP ADC- _____							
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials						
	Printed/Typed Name	Signature		Month Day Year			
DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials						
	Printed/Typed Name	Signature		Month Day Year			
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
65. H040 66. H040 67. H040 68. H040 69. H040 70. H040 71. H040 72. H040 73. H040 74. H040							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 9 of 10	23. Manifest Tracking Number 007760184 FLE			
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	X	75) UN2085, Waste Oxidizing Liquid, Corrosive, n.o.s., 5.1(5), PGII, NFPA 2 Oxidizer, 30gal, CC55410-SP, LCCRC, IC5038-9	1	DF	80	P	D008 D011 D001 D002
	X	76) UN3261, CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S., 8, PGII, 30GAL, CC55410-SP, IC5038-11 LCCRC	1	DF	25	P	
	X	77) UN2810, Waste Toxic Liquids, Organic, n.o.s., 5.1, PGII, 55gal, CC55410-SP, LCCRC, IC4347-1	1	DF	173	P	U240 U248
	X	78) UN2810, Waste Toxic Liquids, Organic, n.o.s., 5.1, PGII, 55gal, CC55410-SP, LCCRC, IC4981-1	1	DF	187	P	D011
	X	79) UN2810, Toxic Liquids, Organic, n.o.s., 5.1, PGII, 55gal, CC55410-SP, LCCRC, IC4981-2	1	DF	240	P	NONE
	X	80) UN2810, Waste Toxic Liquids, Organic, n.o.s., 5.1, PGII, 55gal, CC55410-SP, LCCRC, IC4981-3	1	DF	186	P	U188 U236
		81) Non-RCRA Regulated, Non-DOT Hazardous Material, 55gal, CC55410-SP, LCCRC, IC4981-4	1	DF	214	P	NONE
		82) Non-RCRA Regulated, Non-DOT Hazardous Material, 55gal, CC55410-SP, LCCRC, IC4981-5	1	DF	194	P	NONE
	X	83) UN2810, Waste Toxic Liquids, Organic, n.o.s., 5.1, PGII, 55gal, CC55410-SP, LCCRC, IC4981-6	1	DF	230	P	D004 U058
	84) Non-RCRA Regulated, Non-DOT Hazardous Material, 55gal, CC55410-SP, LCCRC, IC4981-7	1	DF	243	P	NONE	
29. Special Handling Instructions and Additional Information							
75) ERG#: CC55410-SP ADC- _____ 76) ERG#: CC55410-SP ADC- _____ 77) ERG#: CC55410-SP ADC- _____ 78) ERG#: CC55410-SP ADC- _____ 79) ERG#: CC55410-SP ADC- _____ 80) ERG#: CC55410-SP ADC- _____ 81) ERG#: CC55410-SP ADC- _____ 82) ERG#: CC55410-SP ADC- _____ 83) ERG#: CC55410-SP ADC- _____ 84) ERG#: CC55410-SP ADC- _____							
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials						
	Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials						
	Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy							
36. Hazardous Waste Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
75. H040 76. H040 77. H040 78. H040 79. H040 80. H040 81. H040 82. H040 83. H040 84. H040							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 10 of 10	23. Manifest Tracking Number 007780184 FLE		
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
		No.	Type			
	85) Non-RCRA Regulated, Non-DOT Hazardous Material, 55gal, CC55410-SP, LCCRC, IC4981-8	1	DF	235	P	NONE
X	86) UN2810, Toxic Liquids, Organic, n.o.s., 6.1, PGII, 55gal, CC55410-SP, LCCRC, IC4981-9	1	DF	148	P	NONE
X	87) UN1982, R.Q. Waste Flammable Liquid, Toxic, n.o.s., 3(6.1), PGII, 55gal, CC55410-SP, LCCRD, IC4981-10	1	DF	205	P	D001 D038 F003 F005 U002 U003
X	88) UN1982, R.Q. Waste Flammable Liquid, Toxic, n.o.s., 3(6.1), PGII, 55gal, CC55410-SP, LCCRD, IC4981-11	1	DF	200	P	D001 D035 F003
X	89) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s., 3(6), PGI, RQ=D001, D002, 55gal, CC55410-SP, LCCRD, IC4981-12	1	DF	201	P	D001 D002 D018 F003
X	90) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s., 3(6), PGI, RQ=D001, D002, 55gal, CC55410-SP, LCCRD, IC4981-13	1	DF	225	P	D001 D002 D018 F003
32. Special Handling Instructions and Additional Information 85) ERG#: CC55410-SP ADC- _____ 86) ERG#: CC55410-SP ADC- _____ 87) ERG#: U031, U108, U154, U198, U359 CC55410-SP ADC- _____ 88) ERG#: CC55410-SP ADC- _____ 89) ERG#: CC55410-SP ADC- _____ 90) ERG#: _____ CC55410-SP ADC- _____						
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
	34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
DESIGNATED FACILITY	35. Discrepancy _____					
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 85. H040 86. H040 87. H040 88. H040 89. H040 90. H040					

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

GENERATOR NAME	MANIFEST NUMBER
Advanced Chemical Treatment	007760184 FLE

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
1	CC55314-SP / CC55314-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
2	CC55314-SP / CC55314-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
3	CC55314-SP / CC55314-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
4	CC55314-SP / CC55314-SP	D001 D002 D022			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
5	CC55314-SP / CC55314-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
6	CC55314-SP / CC55314-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
7	CC55314-SP / CC55314-SP	D002 D010			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
8	CC55314-SP / CC55314-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
9	CC55314-SP / CC55314-SP	D002			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
10	CC55314-SP / CC55314-SP	D002			NWW	
11	CC55314-SP / CC55314-SP	D002			NWW	
12	CC55314-SP / CC55314-SP	D005 D022 U044 U188			NWW	
13	CC55314-SP / CC55314-SP	D011 U058 U188			NWW	
14	CC55314-SP / CC55314-SP	NONE			NWW	
15	CC55314-SP / CC55314-SP	NONE			NWW	
16	CC55314-SP / CC55314-SP	D005			NWW	
17	CC55314-SP / CC55314-SP	D005			NWW	
18	CC55314-SP / CC55314-SP	D005 D011			NWW	

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LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
19	CC55314-SP / CC55314-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
20	CC55314-SP / CC55314-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
21	CC55314-SP / CC55314-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
22	CC55314-SP / CC55314-SP	D008 D011 U144			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
23	CC55314-SP / CC55314-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
24	CC55314-SP / CC55314-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
25	CC55307-SP / CC55307-SP	D001 U154			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
26	CC55307-SP / CC55307-SP	D001 F002 F003 U002			NWW	

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LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
27	CC55307-SP / CC55307-SP	D007 D011 D022 U044 U188			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
28	CC55307-SP / CC55307-SP	U007			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
29	CC55307-SP / CC55307-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30	CC55307-SP / CC55307-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	CC55307-SP / CC55307-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC55307-SP / CC55307-SP	D001 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
33	CC55307-SP / CC55307-SP	D001 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
34	CC55307-SP / CC55307-SP	D001 D003			NWW	

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LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
35	CC55307-SP / CC55307-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
36	CC55409-SP / CC55409-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
37	CC55409-SP / CC55409-SP	D006 D008			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
38	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
39	CC55409-SP / CC55409-SP	D005 D011 P120			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
40	CC55409-SP / CC55409-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
41	CC55409-SP / CC55409-SP	D005 D008			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
42	CC55409-SP / CC55409-SP	D008 D011 U188			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
43	CC55409-SP / CC55409-SP	NONE			NWW	

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LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
44	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
45	CC55409-SP / CC55409-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
46	CC55409-SP / CC55409-SP	D001 D002 F003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
47	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
48	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
49	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
50	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
51	CC55409-SP / CC55409-SP	D002 D007			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
52	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
53	CC55409-SP / CC55409-SP	D002			NWW	

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LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
54	CC55409-SP / CC55409-SP	D002 D008			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
55	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
56	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
57	CC55409-SP / CC55409-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
58	CC55409-SP / CC55409-SP	D002 U134			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
59	CC55409-SP / CC55409-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
60	CC55409-SP / CC55409-SP	D002 U134			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
61	CC55409-SP / CC55409-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
62	CC55410-SP / CC55410-SP	D002 F001			NWW	

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LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
63	CC55410-SP / CC55410-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
64	CC55410-SP / CC55410-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
65	CC55410-SP / CC55410-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
66	CC55410-SP / CC55410-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
67	CC55410-SP / CC55410-SP	D007 D022 U044 U188 U058			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
68	CC55410-SP / CC55410-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
69	CC55410-SP / CC55410-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
70	CC55410-SP / CC55410-SP	NONE			NWW	

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LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
71	CC55410-SP / CC55410-SP	D001 D022 F003			NWW	
72	CC55410-SP / CC55410-SP	D002			NWW	
73	CC55410-SP / CC55410-SP	D002 D007			NWW	
74	CC55410-SP / CC55410-SP	D001			NWW	
75	CC55410-SP / CC55410-SP	D001 D002 D008 D011			NWW	
76	CC55410-SP / CC55410-SP				NWW	
77	CC55410-SP / CC55410-SP	U240 U248			NWW	
78	CC55410-SP / CC55410-SP	D011			NWW	
79	CC55410-SP / CC55410-SP	NONE			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
80	CC55410-SP / CC55410-SP	U188 U236			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
81	CC55410-SP / CC55410-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
82	CC55410-SP / CC55410-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
83	CC55410-SP / CC55410-SP	D004 U058			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
84	CC55410-SP / CC55410-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
85	CC55410-SP / CC55410-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
86	CC55410-SP / CC55410-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
87	CC55410-SP / CC55410-SP	D001 D038 F003 F005 U002 U003 U031 U108 U154 U196 U359			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
88	CC55410-SP / CC55410-SP	D001 D035 F003			NWW	

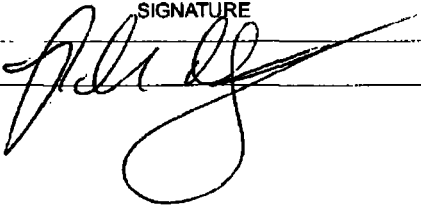
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
89	CC55410-SP / CC55410-SP	D001 D002 D018 F003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
90	CC55410-SP / CC55410-SP	D001 D002 D018 F003			NWW	

SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
 B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.40
 C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
 D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
 E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
 F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
 G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
 H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSD handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
 I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
 J. Certification for contaminated soil treated in accordance with 40 CFR 268.49
 Waste analysis is attached where available; otherwise the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	DATE
	Chemist	04/12/17

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268**WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A**

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.



WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WSDRUM - Drum Viewing[Properties](#) | [Composition](#) | [Tracking Activity](#) | [Restrictions](#) | [Lab Results](#) | [History](#) | [Gen Properties](#) | [Profile Restrictions](#)

Drum: 59281679  Inventory Mgt #: Customer Drum #: 

Manifest Company: KP	SO Branch: CZ Sales Order #: 1703297566-001	Load #: 1706259
Manifest Number: 007760231FLE-4	Manifest Line: 31	Lot #: 22525932
Manifest Status: PR	Manifest Page: 4	Shipment Type: DRUM
Profile: LCCRC	UN / NA: UN2810	Final Code Date: 7/3/2017 10:40:30 AM
Pre Waste Class: LCCRC	Testing Waste Class: LCCRC	Processing Waste Class: LCCRC
Date Received: 6/30/2017	Restrictions: N	Billing Waste Class: LCCRC
Container Size: 30	Container Type: DF	Processing Status: YES
Original Quantity: 108	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 108	Weight UOM: LBS	Tare Weight: 15
PCB Type:	Out of Service:	Serial #:
Generator Company: AD2011	Generator Date: 6/23/2017	Generator EPA #: NMD002208627
Area:	Location: KP	Initial Tracking Date: 6/30/2017
Processing Type: Mix Special		
Customer Batch #		
Off-spec Reason:	Comments: rm-lp-tox liquids	MFG SKU:

Waste Numbers:

D005;D007;D011;P042;U240

Modified by **BIRDC3**on **7/15/2017 4:30:52 PM**Created: **6/30/2017 1:01:32 PM**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

17032975000
V17062998

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NMD002208627	2. Page 1 of 8	3. Emergency Response Phone 1-888-785-7225	4. Manifest Tracking Number 007760231 FLE		
5. Generator's Name and Mailing Address Advanced Chemical Treatment 8133 Edith Blvd NE Albuquerque, NM 87107 505-349-5220							
Generator's Site Address (if different than mailing address)							
6. Transporter 1 Company Name Advanced Chemical Transport Inc. (SV)				U.S. EPA ID Number CAR000070540			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. (KP) 2247 South Highway 71 Kimball, NE 68145				U.S. EPA ID Number NED881723513			
Facility's Phone: 308-235-4012							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
X	1. UN3255, Waste T-Bury Hypochlorite, 4.2, PGL DOT-SP13355, 5gal, CC56116-SP, LRCTD, D125664-12	1	CF	6	P	0001 0002 0003	
X	2. UN3077, Environmentally Hazardous Substance, Solid, n.o.s., 8, PGL, 5gal, CC56116-SP, LCCRC, D143938-10 (DIDO-Cust)	1	CF	18	P	NONE	
X	3. UN1803, R.Q. Waste Flammable Liquids, n.o.s., 3, PGL, RQ=0001, 55gal, CC56116-SP, LCCRC, D143938-11 (DIDO-Cust)	1	CF	142	P	0001 0003	
X	4. UN2732, Waste Polynuclear, Flammable, Corrosive, n.o.s., 3(M), PGL, 20gal, CC56116-SP, LCCRC, D143938-12 (DIDO-Cust)	1	CF	46	P	0001 0002	
14. Special Handling Instructions and Additional Information Project Number _____ Document # 508225 1) CC56116-SP ADC _____ 3) CC56116-SP ADC _____ 2) CC56116-SP ADC _____ 4) CC56116-SP ADC _____							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name DS Lopez		Signature <i>[Signature]</i>			Month Day Year 06 23 17		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
Transporter signature (for exports only): _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Mike Ramirez		Signature <i>[Signature]</i>			Month Day Year 6 23 17		
Transporter 2 Printed/Typed Name		Signature			Month Day Year		
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Waste Class (8) Added to Line 1 Section 9b per Ph Ortega JE 7-7-17							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H141		2. H040		3. H040		4. H040	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Jessica Egoli		Signature <i>[Signature]</i>			Month Day Year 10 30 17		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208527	22. Page 2 of 6	23. Manifest Tracking Number 007750231 FLE		
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	5) UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., 9, PGII, 55gal, CC58115-SP, LCCRC, D143938-13 (DIDO Cust)	1	DF	174	P	NONE
X	6) UN1789, R.Q. Waste Hydrochloric Acid, 8, PGII, RQ=D002, 55gal, CC58115-SP, LCCRA, D148061-5 (DIDO Cust)	1	DF	237	P	D002
X	7) UN1789, R.Q. Waste Hydrochloric Acid, 8, PGII, RQ=D002, 55gal, CC58115-SP, LCCRA, D148061-8 (DIDO Cust)	1	DF	314	P	D002
X	8) UN1789, R.Q. Waste Hydrochloric Acid, 8, PGII, RQ=D002, 55gal, CC58115-SP, LCCRA, D148061-7 (DIDO Cust)	1	DF	296	P	D002
X	9) UN1982, Waste Flammable Liquid, Toxic, n.o.s., 3(6.1), PGII, 15gal, CC58115-SP, LCCRC, IC4401-1	1	DF	218	P	D001
X	10) UN3073, Waste Vinyl Pyrine, Inhibited, n.o.s., 8(3.6.1), PGII, 55gal, CC58115-SP, LRCTC, IC4825-7	1	DF	11	P	D001 D002 D003
X	11) UN2810, Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58115-SP, LCCRC, IC4889-1	1	DF	161	P	NONE
X	12) UN2820, R.Q. Waste Corrosive Liquid, Flammable, n.o.s., 3(3), PGII, RQ=D001, D002, 55gal, CC58115-SP, LCCRC, IC4889-2	1	DF	145	P	D001 D002
X	13) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58115-SP, LCCRC, IC4889-3	1	DF	147	P	D005 D005 D007 D008 D011 U080
X	14) UN3264, R.Q. Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGII, RQ=D002, 55gal, CC58115-SP, LCCRA, IC4889-4	1	DF	131	P	D002
32. Special Handling Instructions and Additional Information 5) ERG#: CC58115-SP ADC-_____ 8) ERG#: CC58115-SP ADC-_____ 7) ERG#: CC58115-SP ADC-_____ 6) ERG#: CC58115-SP ADC-_____ 9) ERG#: CC58115-SP ADC-_____ 10) ERG#: CC58115-SP ADC-_____ 11) ERG#: CC58115-SP ADC-_____ 12) ERG#: CC58115-SP ADC-_____ 13) ERG#: CC58115-SP ADC-_____ 14) ERG#: CC58115-SP ADC-_____						
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 5. H040 16. H040 17. H040 18. H040 19. H040 10. H141 11. H040 112. H040 113. H040 114. H040						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NR0002200027	22. Page of 6	23. Manifest Tracking Number 007760231 FLE		
24. Advanced Chemical Treatment 6133 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
		No.	Type			
X	13) UN3052, Environmentally Hazardous Substance, Liquid, n.o.s., 9, PGII, 55gal, CC58118-SP, LCCRC, IC4908-5	1	DF	227	P	NONE
X	15) UN3254, Waste Corrosive Liquid, Acidic, Inorganic, n.o.s., 8, PGII, 15gal, CC58118-SP, LCCRA, IC4907-4	1	DF	39	P	D002
X	17) UN2830, Waste Salaniles, Solutions, 8.1, PGI, 5gal, CC58118-SP, LCCRI, IC4907-14	1	DF	12	P	D010
X	18) UN2401, Waste Piperidine, 4(3), PGI, 5gal, CC-SP, LCCRB, IC4907-17	1	DF	6	P	D001 D002
X	19) UN2471, Waste Cationic Tenside, 8.1, PGI, 5gal, CC58118-SP, LCCRI, IC4907-21	1	DF	7	P	P087
X	20) UN2054, Waste Morpholine, 8(3), PGI, 5gal, CC58118-SP, LCCRA, IC4907-22	1	DF	11	P	D001 D002
X	21) UN2811, Toxic Solids, Organic, n.o.s., 8.1, PGI, 5gal, LCCRI, IC4907-24	1	DF	7	P	NONE
X	22) UN3082, Environmentally Hazardous Substance, Liquid, n.o.s., 9, PGII, 5gal, CC58118-SP, LCCRC, IC4908-1	1	DF	281	P	NONE
X	23) UN2816, Waste Toxic Liquids Organic, n.o.s., 8.1, PGI, 55gal, CC58118-SP, LCCRC, IC4922-2	1	DF	214	P	U080 D010 D030 U188
X	24) UN2816, Waste Toxic Liquids Organic, n.o.s., 8.1, PGI, 55gal, CC58118-SP, LCCRC, IC4922-4	1	DF	181	P	D004
32. Special Handling Instructions and Additional Information 15) ERG#: CC58118-SP ADC-_____ 16) ERG#: CC58118-SP ADC-_____ 17) ERG#: CC58118-SP ADC-_____ 18) ERG#: CC58118-SP ADC-_____ 19) ERG#: CC58118-SP ADC-_____ 20) ERG#: CC58118-SP ADC-_____ 21) ERG#: CC58118-SP ADC-_____ 22) ERG#: CC58118-SP ADC-_____ 23) ERG#: CC58118-SP ADC-_____ 24) ERG#: CC58118-SP ADC-_____ 						
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials					
	Printed/Typed Name		Signature		Month Day Year	
DESIGNATED FACILITY	34. Transporter Acknowledgment of Receipt of Materials					
	Printed/Typed Name		Signature		Month Day Year	
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
15. H040 16. H040 17. H141 18. H040 19. H141						
20. H040 21. H141 22. H040 23. H040 24. H040						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		22. Page of 23. Manifest Tracking Number		24. Generator Information 6133 Edith Blvd NE Albuquerque, NM 87107	
25. Transporter _____ Company Name		U.S. EPA ID Number			
26. Transporter _____ Company Name		U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit WL/Vol.
X	25) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4922-5	1	DF	184	P
	26) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4922-3	1	DF	189	P
	27) Non-RCRA Regulated, Non-DOT Hazardous Material, 55gal, CC58118-SP, LCCRC, IC4922-7	1	DF	194	P
X	28) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4922-8	1	DF	139	P
X	29) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4922-9	1	DF	142	P
X	30) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4922-12	1	DF	189	P
X	31) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4922-13	1	DF	154	P
X	32) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4922-14	1	DF	211	P
X	33) UN3255, Waste Corrosive Liquid, Acidic, Organic, n.o.s., 8, PGII, 55gal, CC58118-SP, LCCRC, IC4922-15	1	DF	127	P
X	34) UN3134, Waste Water Reactive Solid, Toxic, n.o.s., 4.3(5.1), PGII, 55gal, CC58118-SP, LCCRC, IC4922-27	1	DF	18	P
32. Spill/Leak Information: 28) ERG#: CC58118-SP ADC- 27) ERG#: CC58118-SP ADC- 28) ERG#: CC58118-SP ADC- 29) ERG#: CC58118-SP ADC- 30) ERG#: CC58118-SP ADC- 31) ERG#: CC58118-SP ADC- 32) ERG#: CC58118-SP ADC- 33) ERG#: CC58118-SP ADC- 34) ERG#: CC58118-SP ADC-					
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____					
35. Discrepancy					
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
25. H040 126. H040 127. H040 128. H040 129. H040					
30. H040 131. H040 132. H040 133. H040 134. H141					

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 5 of 6	23. Manifest Tracking Number 007760231 FLE					
24. Generator's Name Advanced Chemical Treatment 6133 Edin Blvd NE Albuquerque, NM 87107									
25. Transporter _____ Company Name				U.S. EPA ID Number					
26. Transporter _____ Company Name				U.S. EPA ID Number					
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes			
		No.	Type			D001	D002	D003	
X	35) UN1873, Waste Peroxide Acid, Solution, 5.1(8), PGI, NFPA Class 2 Oxidizer, 5gal, CC58118-SP, LRCTO, IC5001-22	1	DF	8	P	D001	D002	D003	
X	36) UN2820, R.Q. Waste Corrosive Liquid, Flammable, n.o.s., 3(3), PGI, RQ=D001, D002, 55gal, CC58118-SP, LRCTO, IC5013-1	1	DF	126	P	D001	D002		
X	37) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s., 3(8), PGI, RQ=D001, D002, 55gal, CC58118-SP, LRCTO, IC5013-4	1	DF	124	P	D001	D002		
X	38) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s., 3(8), PGI, RQ=D001, D002, 55gal, LRCTO, IC5013-5	1	DF	144	P	F003	D001	D002	
X	39) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s., 3(8), PGI, RQ=D001, D002, 55gal, CC58118-SP, LRCTO, IC5013-6	1	DF	231	P	F005	D001	D002	
X	40) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s., 3(8), PGI, RQ=D001, D002, 30gal, CC58118-SP, LRCTO, IC5013-4	1	DF	47	P	D001	D002		
X	41) UN3089, Waste Metal Powders, Flammable, n.o.s., 4.1, PGI, 5gal, CC58118-SP, LRCTO, IC5013-15	1	DF	36	P	D001			
X	42) UN3105, Waste Organic Peroxide, Type D Solid 5.2, PGI, 5gal, CC58118-SP, LRCTO, IC5028-6	1	DF	7	P	D001	D003		
X	43) UN3108, Waste Organic Peroxide, Type F Liquid, Stabilized, 5.2, PGI, 0gal, CC58118-SP, LRCTO, IC5028-7	1	DF	20	P	D001	D003		
X	44) UN3108, Waste Organic Peroxide, Type F Liquid, Stabilized, 5.2, PGI, 0gal, CC58118-SP, LRCTO, IC5028-9	1	DF	19	P	D001	D003		
32) ERG#; CC58118-SP ADC-_____ 36) ERG#; CC58118-SP ADC-_____ 37) ERG#; CC58118-SP ADC-_____									
38) ERG#; CC58118-SP ADC-_____ 39) ERG#; CC58118-SP ADC-_____ 40) ERG#; CC58118-SP ADC-_____									
41) ERG#; CC58118-SP ADC-_____ 42) ERG#; CC58118-SP ADC-_____ 43) ERG#; CC58118-SP ADC-_____									
44) ERG#; CC58118-SP ADC-_____									
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials								
	Printed/Typed Name		Signature			Month Day Year			
TRANSPORTER	34. Transporter _____ Acknowledgment of Receipt of Materials								
	Printed/Typed Name		Signature			Month Day Year			
DESIGNATED FACILITY	35. Discrepancy PG Amended to None on Lines 42-46 Section 27b per Phil Ortega. JE7-317								
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)								
35. H141		136. H141		137. H040		138. H040		139. H040	
40. H040		141. H141		142. H141		143. H141		144. H141	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Manifest Tracking No. 007750231 FLE	22. Page 1 of 1
24. Generator Name and Address Advanced Chemical Treatment 6733 Edin Blvd NE Albuquerque, NM 87107			
25. Transporter Company Name		U.S. EPA ID Number	
26. Transporter Company Name		U.S. EPA ID Number	
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type	29. Total Quantity
X	45) UN3109, Waste Organic Peroxide, Type F Liquid, Stabilized, 5.2, PGI, 6gal, CC58113-SP, LRCTO, IC5028-10	1 DF	18
X	46) UN3105, Waste Organic Peroxide, Type D Liquid, 5.2, PGI, 15gal, CC58118-SP, LRCTO, IC5028-2	1 DF	111
X	47) UN2824, Waste Flammable Liquids, Corrosive, n.o.s., 3(B), PGI, CC58117-SP, LCCRD, IC4825-13	1 DF	65
X	48) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s., 3(B), PGI, RQ=D001, D002, CC58117-SP, LCCRD, IC4825-14	1 DF	189
X	49) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s., 3(B), PGI, RQ=D001, D002, CC58117-SP, LCCRD, IC4825-16	1 DF	158
X	50) UN3254, Waste Corrosive liquid, acidic, inorganic, n.o.s., 8, PGI, CC58117-SP, LCCRA, IC5195-4	1 DF	97
X	51) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s., 8, PGI, RQ=D002, CC58117-SP, LCCRA, IC5195-5	1 DF	129
X	52) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s., 8, PGI, RQ=D002, CC58117-SP, LCCRA, IC5195-8	1 DF	285
X	53) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s., 8, PGI, RQ=D002, 30gal, CC58117-SP, LCCRA, IC5195-8	1 DF	107
X	54) UN2031, R.Q. Waste Nitric acid other than red fuming, with not more than 70 % nitric acid, 8, PGI, RQ=D001, D002, CC58117-SP, LCCRA, IC5185-10	1 DF	261
32) SP ERG#; CC58118-SP ADC- 48) ERG#; CC58118-SP ADC- 47) ERG#; CC58118-SP ADC- 48) ERG#; CC58118-SP ADC- 49) ERG#; CC58118-SP ADC- 50) ERG#; CC58118-SP ADC- 51) ERG#; CC58118-SP ADC- 52) ERG#; CC58118-SP ADC- 53) ERG#; CC58118- SP ADC- 54) ERG#; CC58118-SP ADC-			
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name Signature Month Day Year			
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name Signature Month Day Year			
35. Discrepancy Lines 47-54 Amended to CC58117-SP in Section 32 per Phil Ortega. JE 7-3-17			
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
45. H141 146. H141 147. H040 148. H040 149. H040			
50. H040 51. H040 52. H040 53. H040 54. H040			

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

GENERATOR NAME	MANIFEST NUMBER
Advanced Chemical Treatment	007780231 FLE

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
1	CC56116-SP / CC56116-SP	D001 D002 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
2	CC56116-SP / CC56116-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
3	CC56116-SP / CC56116-SP	D001 D035			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
4	CC56116-SP / CC56116-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
5	CC56116-SP / CC56116-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
6	CC56116-SP / CC56116-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
7	CC56116-SP / CC56116-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
8	CC56116-SP / CC56116-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
9	CC56116-SP / CC56116-SP	D001			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
10	CC56116-SP / CC56116-SP	D001 D002 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
11	CC56116-SP / CC56116-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
12	CC56116-SP / CC56116-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
13	CC56116-SP / CC56116-SP	D005 D006 D007 D008 D011 U080			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
14	CC56116-SP / CC56116-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
15	CC56116-SP / CC56116-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
16	CC56116-SP / CC56116-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
17	CC56116-SP / CC56116-SP	D010			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
18	CC56116-SP / CC56116-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
19	CC56116-SP / CC56116-SP	P087			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
20	CC56116-SP / CC56116-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
21	CC56116-SP / CC56116-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
22	CC56116-SP / CC56116-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
23	CC56116-SP / CC56116-SP	D019 D039 U080 U188			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
24	CC56116-SP / CC56116-SP	D008			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
25	CC56116-SP / CC56116-SP	D022 U188			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
26	CC56116-SP / CC56116-SP	NONE			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
27	CC56116-SP / CC56116-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
28	CC56116-SP / CC56116-SP	D022 U044 U080 U236			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
29	CC56116-SP / CC56116-SP	D007 U201			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30	CC56116-SP / CC56116-SP	D007			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	CC56116-SP / CC56116-SP	D005 D007 D011 P042 U240			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC56116-SP / CC56116-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
33	CC56116-SP / CC56116-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
34	CC56116-SP / CC56116-SP	D001 D003			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
35	CC56116-SP / CC56116-SP	D001 D002 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
36	CC56116-SP / CC56116-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
37	CC56116-SP / CC56116-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
38	CC56116-SP / CC56116-SP	D001 D002 F003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
39	CC56116-SP / CC56116-SP	D001 D002 F005			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
40	CC56116-SP / CC56116-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
41	CC56116-SP / CC56116-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
42	CC56116-SP / CC56116-SP	D001 D003			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
43	CC56116-SP / CC56116-SP	D001 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
44	CC56116-SP / CC56116-SP	D001 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
45	CC56116-SP / CC56116-SP	D001 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
46	CC56116-SP / CC56116-SP	D001 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
47	CC56116-SP / CC56116-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
48	CC56116-SP / CC56116-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
49	CC56116-SP / CC56116-SP	D001 D002 F003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
50	CC56116-SP / CC56116-SP	D002 D007			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
51	CC56116-SP / CC56116-SP	D002			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
52	CC56116-SP / CC56116-SP	D002			NWW	


Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
53	CC56116-SP / CC56116-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
54	CC56116-SP / CC56116-SP	D001 D002			NWW	

SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
 - B. Lab Pack Waste Qualifying for Alternative Treatment und 40 CFR 268.40
 - C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
 - D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
 - E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
 - F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
 - G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
 - H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
 - I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
 - J. Certification for contaminated soil treated in accordance with 40 CFR 268.49
- Waste analysis is attached where available; otherwise the information contained herin is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	DATE
	Chemist	06/12/2017

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G



I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WSDRUM - Drum Viewing[Properties](#) | [Composition](#) | [Tracking Activity](#) | [Instructions](#) | [Lab Results](#) | [History](#) | [Gen. Restrictions](#) | [Profile Restrictions](#) Drum: 

Inventory Mgt #:

Customer Drum #: Manifest Company: **KP**SO Branch: **CZ** Sales Order #: **1703303169-001**Load #: **1706259**Manifest Number: **007760232FLE-4**Manifest Line: **26**Lot #: **22526284**Manifest Status: **PR**Manifest Page: **4**Shipment Type: **DRUM**Profile: **LCCRC**UN / NA: **UN2810**Final Code Date: **7/3/2017 11:13:57 AM**Pre Waste Class: **LCCRC**Testing Waste Class: **LCCRC**Processing Waste Class: **LCCRC**Date Received: **6/30/2017 5:07:21 PM**Restrictions: **N**Billing Waste Class: **LCCRC**Container Size: **55**Container Type: **DF**Processing Status: **YES**Original Quantity: **96**Current Quantity: **0**Quantity UOM: **LBS**Drum Weight: **96**Weight UOM: **LBS**Tare Weight: **25**

PCB Type:

Out of Service:

Serial #:

Generator Company: **AD2011**Generator Date: **6/23/2017**Generator EPA #: **NMD002208627**

Area:

Location: **KP**Initial Tracking Date: **6/30/2017 5:07:21 PM**Processing Type: **Mix Special**

Customer Batch #

Off-spec Reason:



Comments: **rm-lp-tox liquids**

MFG SKU:


Waste Numbers:

D004;D007;D010;D011;D022;D031;P042;U012;U043;U044;U080;U188;U236;U248

Modified by **BIRDC3**on **7/15/2017 4:30:56 PM**Created: **6/30/2017 5:04:44 PM**

WSDRUM - Drum Viewing[Properties](#) | [Composition](#) | [Tracking](#) | [Activity](#) | [Instructions](#) | [Lab Results](#) | [History](#) | [Gen Restrictions](#) | [Profile Restrictions](#) Drum: 

Inventory Mgt #:

Customer Drum #: Manifest Company: **KP**SO Branch: **CZ** Sales Order #: **1703303169-001**Load #: **1706259**Manifest Number: **007760232FLE-4**Manifest Line: **29**Lot #: **22526296**Manifest Status: **PR**Manifest Page: **4**Shipment Type: **DRUM**Profile: **LCCRC**UN / NA: **UN2810**Final Code Date: **7/3/2017 11:15:29 AM**Pre Waste Class: **LCCRC**Testing Waste Class: **LCCRC**Processing Waste Class: **LCCRC**Date Received: **6/30/2017 5:07:21 PM**Restrictions: **N**Billing Waste Class: **LCCRC**Container Size: **55**Container Type: **DF**Processing Status: **YES**Original Quantity: **205**Current Quantity: **0**Quantity UOM: **LBS**Drum Weight: **205**Weight UOM: **LBS**Tare Weight: **25**

PCB Type:

Out of Service:

Serial #:

Generator Company: **AD2011**Generator Date: **6/23/2017**Generator EPA #: **NMD002208627**

Area:

Location: **KP**Initial Tracking Date: **6/30/2017 5:07:21 PM**Processing Type: **Mix Special**

Customer Batch #

Off-spec Reason:


Comments: **rm-lp-tox**



MFG SKU:

Waste Numbers:

D004,D022,D039,D040,P075,U048,U188,U240

Modified by **BIRDC3**on **7/15/2017 4:30:46 PM**Created: **6/30/2017 5:04:45 PM**

WSDRUM - Drum Viewing[Properties](#) | [Composition](#) | [Tracking Activity](#) | [Instructions](#) | [Lab Results](#) | [History](#) | [Gen Restrictions](#) | [Profile Restrictions](#) 

Drum: <input type="text" value="59292867"/> 	Inventory Mgt #:	Customer Drum #: <input type="text" value=""/> 
Manifest Company: KP	SO Branch: CZ Sales Order #: 1703303169-001	Load #: 1706259
Manifest Number: 007760232FLE-4	Manifest Line: 32	Lot #: 22526313
Manifest Status: PR	Manifest Page: 4	Shipment Type: DRUM
Profile: LCCRC	UN / NA: UN2810	Final Code Date: 7/3/2017 11:17:05 AM
Pre Waste Class: LCCRC	Testing Waste Class: LCCRC	Processing Waste Class: LCCRC
Date Received: 6/30/2017 5:07:21 PM	Restrictions: N	Billing Waste Class: LCCRC
Container Size: 55	Container Type: DF	Processing Status: YES
Original Quantity: 171	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 171	Weight UOM: LBS	Tare Weight: 25
PCB Type:	Out of Service:	Serial #:
Generator Company: AD2011	Generator Date: 6/23/2017	Generator EPA #: NMD002208627
Area:	Location: KP	Initial Tracking Date: 6/30/2017 5:07:21 PM
Processing Type: Mix Special		
Customer Batch #	Comments: rm-lp-tox liquids	MFG SKU:
Off-spec Reason:		
Waste Numbers:		

Modified by **BIRDC3**on **7/15/2017 4:29:57 PM**Created: **6/30/2017 5:04:45 PM**

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

17033031109

V17063083
Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM002208827	2. Page 1 of 5	3. Emergency Response Phone 1-888-785-7225	4. Manifest Tracking Number 007760232 FLE	
5. Generator's Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107 505-348-5220 Generator's Site Address (if different than mailing address)						
6. Generator's Phone: Advanced Chemical Transport Inc. (SV)				U.S. EPA ID Number CAR000070540		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name Green Pastures Environmental Services, Inc. (KP) 2247 South Highway 71 Kimball, NE 68145				U.S. EPA ID Number NED081723513		
Facility's Phone: 308-235-4012						
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	UN3100, Waste Organic Peroxide, Type D Solid 5.2, P01 5gal, CC56118-SP, LRCTO, IC5028-4	1	6	P	D001 D002
	X	UN1702, Waste Benzyl Chloride, n.s., P01, 5gal, CC50118-SP, LRCTC, IC5033-5	1	6	P	D003
	X	UN2022, RQ, Waste Corrosive Liquid, Toxic, n.s., 8/0.1, PGI, RQ = D001, D002, 55gal, CC56118-SP, LCCRA, IC5006-2	1	232	P	D001 D002 D004 D005 D007 D008
	X	UN2810, Waste Toxic Liquids Organic, n.s., 8.1, PGI, 55gal, CC56118-SP, LCCRC, IC5008-5	1	238	P	D005 D006 D008 D011 D022 D039
14. Special Handling Instructions and Additional Information <div style="display: flex; justify-content: space-between;"> <div> 1) CC56118-SP ADC 2) CC56118-SP ADC </div> <div> 3) D010, D011 CC56118-SP ADC 4) U044, U050, U052, U105, U210 CC56118-SP ADC </div> </div>						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/picarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offero's Printed/Typed Name DS Lopez			Signature <i>[Signature]</i>		Month Day Year 06/23/17	
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____					
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Mike Ramirez Signature: <i>[Signature]</i> Month Day Year: 6/23/17 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month Day Year: _____					
	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Packing Group Amended to none on Line 1 Section 9b per Phil Ortega. JE 737 Manifest Reference Number: _____					
DESIGNATED FACILITY	18b. Alternate Facility (or Generator) U.S. EPA ID Number					
	Facility's Phone: _____					
	18c. Signature of Alternate Facility (or Generator) Month Day Year					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H141		2. H141		3. H040		
4. H040						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: Jessica Egpli Signature: <i>[Signature]</i> Month Day Year: 6/30/17						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002205627	22. Page 2 of 5	23. Manifest Tracking Number 007750232 FLE		
24. Generator's Name Advanced Chemical Treatment 6133 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
X	5) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGII, 55gal, CC56118-SP, LCCRC, IC5098-3	1	DF	96	P	D011 D022 U044 U188
X	5) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s., 3, PGII, RQ=D002, CC56118-SP, LCCRA, IC5118-1	1	DF	197	P	D002
X	7) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s., 3, PGII, RQ=D002, CC56118-SP, LCCRA, IC5118-2	1	DF	236	P	D002
X	8) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s., 3, PGII, RQ=D002, CC56118-SP, LCCRA, IC5118-3	1	DF	112	P	D002
X	9) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s., 3, PGII, RQ=D002, CC56118-SP, LCCRA, IC5118-4	1	DF	187	P	D002
X	10) UN3254, R.Q. Waste Corrosive liquid, acidic, inorganic, n.o.s., 3, PGII, RQ=D002, CC56118-SP, LCCRA, IC5118-5	1	DF	194	P	D002
X	11) UN2811, Waste Toxic solids, organic, n.o.s., 6.1, PGII, CC56118-SP, LCCRC, IC5118-5	1	DF	127	P	U218
X	12) UN2811, Waste Toxic solids, organic, n.o.s., 6.1, PGII, CC56118-SP, LCCRC, IC5118-7	1	DF	135	P	D007
X	13) UN2810, Waste Toxic liquids, organic, n.o.s., 6.1, PGII, CC56118-SP, LCCRC, IC5118-9	1	DF	170	P	D005 D011 D022 U044
X	14) R.Q. UN2733, Waste Amines, flammable, corrosive, n.o.s., 3, PGII, RQ=D001, D002, CC56118-SP, LCCRD, IC5128-1	1	DF	178	P	D001 D002
32. Special Handling Instructions and Additional Information 5) ERG#: CC56118-SP ADC-_____ 8) ERG#: CC56118-SP ADC-_____ 7) ERG#: CC56118-SP ADC-_____ 8) ERG#: CC56118-SP ADC-_____ 9) ERG#: CC56118-SP ADC-_____ 10) ERG#: CC56118-SP ADC-_____ 11) ERG#: CC56118-SP ADC-_____ 12) ERG#: CC56118-SP ADC-_____ 13) ERG#: CC56118-SP ADC-_____ 14) ERG#: CC56118-SP ADC-_____						
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy _____						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 5. H040 6. H040 7. H040 8. H040 9. H040 10. H040 11. H040 12. H040 13. H040 14. H040						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 3 of 5	23. Manifest Tracking Number D07760232 FLE		
24. Generator's Name Advanced Chemical Treatment 6133 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
X	15) UN2733, R.Q. Waste Amines, flammable, corrosive, n.o.s., 3 9), PGI, RQ=D001, D002, CC58118-SP, LCCRD, IC5129-1	1	DF	186	P	D001 D002
X	16) UN2822, Waste Corrosive Liquids, toxic, n.o.s., 8(5.1), PGI, CC58118-SP, LCCRB, IC5132-1	1	DF	97	P	D002
X	17) UN2822, Waste Corrosive Liquids, toxic, n.o.s., 8(5.1), PGI, CC58118-SP, LCCRA, IC5132-3	1	DF	41	P	D002
X	18) UN1786, Waste Hydrofluoric Acid, 8(5.1), PGI, CC58118-SP, LCCRA, IC5132-5	1	DF	17	P	D002 U134
	19) Non DOT Hazardous, Non RCRA Regulated Material, CC58118-SP, LCCRC, IC5144-1	1	DF	196	P	
X	20) UN2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PGI, CC58118-SP, LCCRC, IC5144-2	1	DF	215	P	D008 D011
X	21) UN2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PGI, CC58118-SP, LCCRC, IC5144-4	1	DF	88	P	D011 D022 U044
X	22) UN2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PGI, CC58118-SP, LCCRC, IC5144-5	1	DF	82	P	U007 U235
X	23) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGI, CC58118-SP, LCCRC, IC5102-1	1	DF	189	P	D007 D022 U044 U080
X	24) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGI, 55gal, CC58118-SP, LCCRC, IC5102-2	1	DF	180	P	D022 U080
32. Special Handling Instructions and Additional Information 15) ERG#: CC58118-SP ADC-_____ 18) ERG#: CC58118-SP ADC-_____ 17) ERG#: CC58118-SP ADC-_____ 18) ERG#: CC58118-SP ADC-_____ 19) ERG#: CC58118-SP ADC-_____ 20) ERG#: CC58118-SP ADC-_____ 21) ERG#: CC58118-SP ADC-_____ 22) ERG#: CC58118-SP ADC-_____ 23) ERG#: CC58118-SP ADC-_____ 24) ERG#: CC58118-SP ADC-_____						
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy _____						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 15. H040 116. H040 117. H040 118. H040 119. H040 20. H040 21. H040 22. H040 23. H040 24. H040						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 4 of 5	23. Manifest Tracking Number 007760232 FLE		
24. Generator's Name Advanced Chemical Treatment 6135 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
X	25) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC5102-3	1	DF	190	P	D030 D008 D022 D025 D028 D040
X	26) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC5102-5	1	DF	90	P	D004 D007 D040 D011 D032 D031
X	27) UN1790, R.Q. Waste Acetic Acid, Solutions, 8, PGII, RQ = D002, 55gal, WF480183, IC5096-1	1	DF	168	P	D002
X	28) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4873-2	1	DF	168	P	D032 D005 D007
X	29) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC-SP, LCCRC, IC4873-3	1	DF	205	P	D022 D080 D040 P075 U040 D004
X	30) UN2811, Waste Toxic Solids, Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4873-3	1	DF	120	P	D022 U044 U235
X	31) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4873-7	1	DF	142	P	D008 D005 U144
X	32) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4873-8	1	DF	171	P	P077
X	33) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4873-9	1	DF	189	P	D005
X	34) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC58118-SP, LCCRC, IC4873-10	1	DF	126	P	D008 U170 U201 D004 D005 D007
32. Special Handling Instructions and Additional Information						
25) ERG#: U044, U080, CC58118-SP ADC- 28) ERG#: P042, U012, U043, U044, U080, U188, U235, U248, CC58118-SP ADC- 27) ERG#: CC58118-SP ADC- 28) ERG#: CC58118-SP ADC- 29) ERG#: U188, U240, CC58118-SP ADC- 30) ERG#: CC56118-SP ADC- 31) ERG#: CC56118-SP ADC- 32) ERG#: CC56118-SP ADC- 33) ERG#: CC58118-SP ADC- 34) ERG#: U188, CC58118-SP ADC-						
33. Transporter Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
34. Transporter Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy						
Line 27 Section 27b Amended to "UN2790, Waste Acetic Acid Solutions, 8, PG II, D002" per Phil Ortego SE 7-3-77 Profile LCCRA Added For Line 27 per Phil Ortego SE 7-7-77						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
25. H040 126. H040 127. H040 128. H040 129. H040						
30. H040 131. H040 132. H040 133. H040 134. H040						

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

GENERATOR NAME	MANIFEST NUMBER
Advanced Chemical Treatment	007760232 FLE

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
1	CC56118-SP / CC56118-SP	D001 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
2	CC56118-SP / CC56118-SP	D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
3	CC56118-SP / CC56118-SP	D001 D002 D004 D006 D007 D008 D010 D011			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
4	CC56118-SP / CC56118-SP	D005 D006 D008 D011 D022 D039 U044 U050 U080 U188 U210			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
5	CC56118-SP / CC56118-SP	D011 D022 U044 U188			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
6	CC56118-SP / CC56118-SP	D002			NWW	
7	CC56118-SP / CC56118-SP	D002			NWW	
8	CC56118-SP / CC56118-SP	D002			NWW	
9	CC56118-SP / CC56118-SP	D002			NWW	
10	CC56118-SP / CC56118-SP	D002			NWW	
11	CC56118-SP / CC56118-SP	U219			NWW	
12	CC56118-SP / CC56118-SP	D007			NWW	
13	CC56118-SP / CC56118-SP	D005 D011 D022 U044			NWW	
14	CC56118-SP / CC56118-SP	D001 D002			NWW	

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
15	CC56118-SP / CC56118-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
16	CC56118-SP / CC56118-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
17	CC56118-SP / CC56118-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
18	CC56118-SP / CC56118-SP	D002 U134			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
19	CC56118-SP / CC56118-SP				NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
20	CC56118-SP / CC56118-SP	D008 D011			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
21	CC56118-SP / CC56118-SP	D011 D022 U044			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
22	CC56118-SP / CC56118-SP	U007 U236			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
23	CC56118-SP / CC56118-SP	D007 D022 U044 U080			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
24	CC56118-SP / CC56118-SP	D022 U080			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
25	CC56118-SP / CC56118-SP	D008 D022 D025 D026 D039 D040 U044 U080			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
26	CC56118-SP / CC56118-SP	D004 D007 D010 D011 D022 D031 P042 U012 U043 U044 U080 U188 U236 U248			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
27	CC56118-SP / CC56118-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
28	CC56118-SP / CC56118-SP	D005 D007 D022			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
29	CC56118-SP / CC56118-SP	D004 D022 D039 D040 P075 U048 U188 U240			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30	CC56118-SP / CC56118-SP	D022 U044 U236			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	CC56118-SP / CC56118-SP	D005 D008 U144			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC56118-SP / CC56118-SP	P077			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
33	CC56118-SP / CC56118-SP	D005			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
34	CC56118-SP / CC56118-SP	D004 D005 D007 D008 U170 U188 U201			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
35	CC56118-SP / CC56118-SP	D005 D010			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
36	CC56118-SP / CC56118-SP	D004 D008 D027 U070 U071 U072 U144 U188			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
37	CC56118-SP / CC56118-SP	U188			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
38	CC56118-SP / CC56118-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
39	CC56118-SP / CC56118-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
40	CC56118-SP / CC56118-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
41	CC56118-SP / CC56118-SP	D001			NWW	


LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

SPECIAL CONDITIONS:

DATE

- A. Waste Requiring No Further Treatment
 - B. Lab Pack Waste Qualifying for Alternative Treatment und 40 CFR 268.40
 - C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
 - D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
 - E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
 - F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
 - G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
 - H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
 - I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
 - J. Certification for contaminated soil treated in accordance with 40 CFR 268.49
- Waste analysis is attached where available; otherwise the information contained herin is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	DATE
	Chemist	06/12/2017

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.



$$1.5 \times 10^{-10} \text{ mol dm}^{-3} \text{ } ^{222}\text{Rn} \text{ (dissolved)} = 1.5 \times 10^{-10} \times 222 \times 10^{-3} \text{ kg mol}^{-1} = 3.33 \times 10^{-12} \text{ kg dm}^{-3} = 3.33 \times 10^{-12} \text{ g dm}^{-3}$$

Waste Numbers:

D004;D005;D011;D019;D022;P082;U044;U080;U188;U211;U225;U236

Created: 8/2/2017 4:26:57 PM

WSDRUM - Drum Viewing[Product Info](#) | [Component Info](#) | [Tracking Activity](#) | [Instructions](#) | [Lab Results](#) | [History](#) | [Gen. Details](#) | [Profile Reports](#)

Drum:  Inventory Mgt #: Customer Drum #: 

Manifest Company: KP	SO Branch: CZ Sales Order #: <u>1703879843-001</u>	Load #: 1708030
Manifest Number: <u>007760248FLE-2</u>	Manifest Line: 11	Lot #: 22833713
Manifest Status: PR	Manifest Page: 2	Shipment Type: DRUM
Profile: <u>LCCRC</u>	UN / NA: UN2810	Final Code Date: 8/4/2017 5:41:34 PM
Pre Waste Class: LCCRC	Testing Waste Class: LCCRC	Processing Waste Class: LCCRC
Date Received: 8/4/2017 10:14:03 AM	Restrictions: N	Billing Waste Class: LCCRC
Container Size: 55	Container Type: DF	Processing Status: YES
Original Quantity: 170	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 170	Weight UOM: LBS	Tare Weight: 25
PCB Type:	Out of Service:	Serial #:
Generator Company: AD2011	Generator Date: 8/2/2017	Generator EPA #: NMD002208627
Area:	Location: KP	Initial Tracking Date: 8/4/2017 10:14:03 AM
Processing Type: Mix Special		
Customer Batch #		
Off-spec Reason:	Comments: cs-lp-tox liquids	MFG SKU:

Waste Numbers:

D005;D011;P075

Modified by **MOENCHD1**on **8/22/2017 4:23:22 PM**Created: **8/2/2017 4:26:57 PM**

WSDRUM - Drum Viewing[Print](#) [Close](#) [Compose](#) [Print](#) [Tracking Activity](#) [Inventory](#) [Lab Results](#) [History](#) [Gen Reports](#) [Profile](#) [Batch](#)

Drum: <input type="text" value="5989584"/>	Inventory Mgt #:	Customer Drum #: <input type="text" value=""/>
Manifest Company: KP	SO Branch: CZ Sales Order #: 1703879843-001	Load #: 1708030
Manifest Number: 007760248FLE-3	Manifest Line: 17	Int #: 22841455
Manifest Status: PR	Manifest Page: 3	Shipment Type: DRUM
Profile: LCCRC	UN / NA: UN2810	Final Code Date: 8/7/2017 8:20:19 AM
Pre Waste Class: LCCRC	Testing Waste Class: LCCRC	Processing Waste Class: LCCRC
Date Received: 8/4/2017 10:14:03 AM	Restrictions: N	Billing Waste Class: LCCRC
Container Size: 55	Container Type: DF	Processing Status: YES
Original Quantity: 168	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 168	Weight UOM: LBS	Tare Weight: 25
PCB Type:	Out of Service:	Serial #:
Generator Company: AD2011	Generator Date: 8/2/2017	Generator EPA #: NMD002208627
Area:	Location: KP	Initial Tracking Date: 8/4/2017 10:14:03 AM
Processing Type: Mix Special		
Customer Batch #	Comments: zd-lp-tox liquids	MFG SKU:
Off-spec Reason:		
Waste Numbers:		



D022,P075,U044

Modified by **MOENCHD1**on **8/22/2017 4:23:22 PM**Created: **8/2/2017 4:42:57 PM**

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 3 of 5	23. Manifest Tracking Number 007750248 FLE		
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
		No.	Type			
X	15) UN2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC56397-SP, LCCRC, IC5357-4	1	DF	120	P	U058
X	16) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC56430-SP, LCCRC, IC4997-1	1	DF	253	P	U144 D008 U058 U188
X	17) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC56430-SP, LCCRC, IC4927-3	1	DF	205	P	D022 P075 U044
X	18) UN2810, Waste Toxic Liquids Organic, n.o.s., 6.1, PGII, 55gal, CC56430-SP, LCCRC, IC4922-10	1	DF	184	P	U240
X	19) UN1992, R.O. Waste Flammable Liquid, Toxic, n.o.s., 3(6.1), PGII, RO=D001, 55gal, CC56430-SP, LCCRC, IC5013-3	1	DF	155	P	F003 D001
X	20) UN3284, Waste Corrosive liquid, acidic, inorganic, n.o.s., 8, PGII, 15gal, CC56430-SP, LCCRC, IC5185-3	1	DF	67	P	D002
X	21) UN2734, Waste Polyamines, Flammable Corrosive, n.o.s., 3(8), PGII, 30gal, CC56430-SP, LCCRC, IC5358-3	1	DF	90	P	D001 D002
X	22) UN2734, R.O. Waste Polyamines, Flammable Corrosive, n.o.s., 3(8), PGII, RO=D001, D002, 30gal, CC56430-SP, LCCRC, IC5358-4	1	DF	184	P	D001 D002
X	23) UN2820, R.O. Waste Corrosive Liquids, Flammable, n.o.s., 8(3), PGII, RO=D001, D002, 55gal, CC56430-SP, LCCRC, IC5358-5	1	DF	187	P	D001 D002
X	24) UN2820, R.O. Waste Corrosive Liquids, Flammable, n.o.s., 8(3), PGII, RO=D001, D002, 55gal, CC56430-SP, LCCRC, IC5358-6	1	DF	167	P	D001 D002
15) ERG#: CC56397-SP ADC-_____ 16) ERG#: CC56430-SP ADC-_____ 17) ERG#: CC56430-SP ADC-_____ 18) ERG#: CC56430-SP ADC-_____ 19) ERG#: CC56430-SP ADC-_____ 20) ERG#: CC56430-SP ADC-_____ 21) ERG#: CC56430-SP ADC-_____ 22) ERG#: CC56430-SP ADC-_____ 23) ERG#: CC56430-SP ADC-_____ 24) ERG#: CC56430-SP ADC-_____						
33. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
34. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
15. H040 16. H040 17. H040 18. H040 19. H040						
20. H040 21. H040 22. H040 23. H040 24. H040						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 2 of 6	23. Manifest Tracking Number 997780248 FLE	
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE Albuquerque, NM 87107					
25. Transporter Company Name				U.S. EPA ID Number	
26. Transporter Company Name				U.S. EPA ID Number	
27a HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt/Vol.
	5) UN3082, Environmentally Hazardous Substances, Liquid, n.o.s., 9, PGII, 55gal, CC55397-SP, LCCRC, D152448-10	1	DF	45	
	6) UN2810, Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC55397-SP, LCCRC, IC5214-1	1	DF	255	NONE
X	7) UN2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC55397-SP, LCCRC, IC5214-2	1	DF	218	U082 U188 D027 U235
	8) UN2810, Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC55397-SP, LCCRC, IC5214-3	1	DF	215	NONE
X	9) UN2810, Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC55397-SP, LCCRC, IC5390-1	1	DF	200	D003 D030 U210
X	10) UN2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC55397-SP, LCCRC, IC5390-2	1	DF	213	D004 D005 D011 D018 D022 P012
X	11) UN2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC55397-SP, LCCRC, IC5390-3	1	DF	170	D005 D011 P075
	12) UN2810, Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC55397-SP, LCCRC, IC5357-1	1	DF	94	NONE
X	13) UN2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC55397-SP, LCCRC, IC5357-2	1	DF	151	D011
X	14) UN2810, Waste Toxic Liquids, organic, n.o.s., 6.1, PGII, 55gal, CC55397-SP, LCCRC, IC5357-3	1	DF	112	D008 D022 U044 D050 U248
22. Special Handling Instructions and Additional Information 5) ERG#: CC55397-SP ADC- 8) ERG#: CC55397-SP ADC- 7) ERG#: CC55397-SP ADC- 8) ERG#: CC55397-SP ADC- 9) ERG#: CC55397-SP ADC- 10) ERG#: U044, U080, U188, U211, U225, U235 CC55397-SP ADC- 11) ERG#: CC55397-SP ADC- 12) ERG#: CC55397-SP ADC- 13) ERG#; CC55397-SP ADC- 14) ERG#: CC55397-SP ADC-					
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name Signature Month Day Year					
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name Signature Month Day Year					
35. Discrepancy					
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 5. H040 16. H040 17. H040 18. H040 19. H040 10. H040 11. H040 112. H040 113. H040 114. H040					

WSDRUM - Drum Viewing[Properties](#) | [Composition](#) | [Tracking Activity](#) | [Restrictions](#) | [Lab Results](#) | [History](#) | [Gen Restrictions](#) | [Profile Restrictions](#)

Drum:  Inventory Mgt #: Customer Drum #: 

Manifest Company: KP	SO Branch: CZ Sales Order #: <u>1705651570-001</u>	Load #: 1711117
Manifest Number: <u>007760329FLE</u>	Manifest Line: 35	Lot #: 23764084
Manifest Status: PR	Manifest Page: 1	Shipment Type: DRUM
Profile: LCCRC	UN / NA: UN2810	Final Code Date: 11/15/2017 9:04:22 AM
Pre Waste Class: LCCRC	Testing Waste Class: LCCRC	Processing Waste Class: LCCRC
Date Received: 11/14/2017 9:58:47 AM	Restrictions: N	Billing Waste Class: LCCRC
Container Size: 30	Container Type: DF	Processing Status: YES
Original Quantity: 90	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 90	Weight UOM: LBS	Tare Weight: 15
PCB Type:	Out of Service:	Serial #:
Generator Company: AD2011	Generator Date: 11/13/2017	Generator EPA #: NMD002208627
Area:	Location: KP	Initial Tracking Date: 11/14/2017 9:58:47 AM
Processing Type: Mix Special		
Customer Batch #		
Off-spec Reason:	Comments: ZD LP NO RS	MFG SKU:

Waste Numbers:


D005;D007;D008;D022;D037;F027;P027;P048;P075;U007;U010;U012;U044;U058;U081;U101;U165;U170;U188;U328

Modified by **CASTAGS1**on **11/17/2017 11:44:17 PM**Created: **11/13/2017 1:21:34 PM**

WSRVWTRK - View Tracking Activities

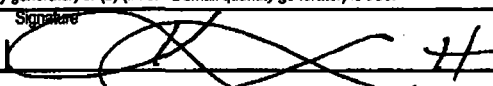
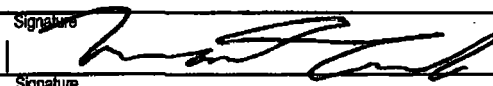
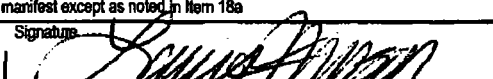
JIT Track

Properties | Composition | Drum Viewing | Instrument | Lab Results | History | Gen Results | Profile Reports

Tracking Number: 61947865 

Def Loc	Activity	Qty	Drum / Tank Vehicle	Actual Date	Manifest # Area	Profile #	Dispel Felty	Entry Date	User
KP	INCN	75	TOU	12/26/2017 01:40:06 AM				12/26/2017 10:08:39 AM	BROWERB
KP	TTTT	75	H170B-E	12/25/2017 11:37:05 AM				12/25/2017 11:37:53 AM	MARKUMC1
KP	TTTT	75	H170B	12/24/2017 12:28:10 PM				12/24/2017 12:28:31 PM	MARKUMC1
KP	VHTK	75	H170A	12/24/2017 09:58:08 AM				12/24/2017 09:58:14 AM	CASTAGS1
KP	TKVH	75	UPCU411011	11/18/2017 01:52:00 AM				11/18/2017 01:52:32 AM	DOBRINA2
KP	PUMP	75	H150D	11/17/2017 11:44:12 PM				11/17/2017 11:44:17 PM	CASTAGS1
KP	INVT			11/16/2017 08:39:24 AM	KP Van 19			11/16/2017 08:39:24 AM	GILLMU1
KP	DSWT	90		11/15/2017 07:55:38 AM				11/15/2017 07:55:38 AM	GIBSONT1
KP	INVT			11/14/2017 10:50:56 AM	25 Inbound:Slot 1			11/14/2017 10:50:56 AM	JOHNSOL7
KP	PREC			11/14/2017 09:58:49 AM				11/14/2017 09:58:52 AM	JOHNSOL7
KP	RECV			11/13/2017 12:00:00 AM				11/13/2017 01:21:34 PM	JOHNSOL7

V17111791

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NMD002208627	2. Page 1 of 5	3. Emergency Response Phone 1-888-785-7225	4. Manifest Tracking Number 007760329 FLE
5. Generator's Name and Mailing Address Advanced Chemical Treatment 8133 Edith Blvd NE Shawnee, NM 87407			Generator's Site Address (if different than mailing address) 1-888-785-7225		
6. Transporter's Company Name Advanced Chemical Transport Inc. (SV)			U.S. EPA ID Number CAR000070540		
7. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. (KP) 2247 South Highway 71 Kimball, NE 68145			U.S. EPA ID Number NED981723513		
Facility's Phone: 308-238-4012					
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit WL/Vol.
		13. Waste Codes			
X	1. UN3104, Waste Organic Peroxide, Type C, solid, n.n.s., 5.2, CC57613-SP, LRCTO, D164501-16	1	DF	13	P
X	2. UN3106, Waste Organic Peroxide, Type II, Solid, 5.2, 5gal, CC57613-SP, LRCTO, IC5442-7	1	DF	8	P
X	3. UN1436, Waste Zinc Powder, 4.3(2.2), PGI, 5gal Steel Drum, CC57613-SP, LARH, IC5467-5	1	DM	19	P
X	4. UN2813, Waste Water Reactive Solid, 4.3, PGI, 15gal, CC57613-SP, LRCTD, IC5629-2	1	DF	36	P
14. Special Handling Instructions and Additional Information 1) CC57513-SP ADC _____ 2) CC57513-SP ADC _____ 3) CC57513-SP ADC _____ 4) CC57513-SP ADC _____ Project Number: _____ Document #: 502148 50# 170365 1570					
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.					
Generator's/Offor's Printed/Typed Name PAUL GUNASH		Signature 		Month Day Year 11/10/17	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. <input type="checkbox"/> Port of entry: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Martin Aranda Signature:  Month Day Year: 11/10/17 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month Day Year: _____					
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____ 18b. Alternate Facility (or Generator) U.S. EPA ID Number: _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) _____ Month Day Year: _____					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H141 2. H141 3. — 4. H141					
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: Laura Jensen Signature:  Month Day Year: 11/14/17					

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208527	22. Page 2 of 5	23. Manifest Tracking Number 007750329 FLE			
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt/Vol.	31. Waste Codes	
X	6) UN2824, Waste Flammable Liquid Corrosive, n.o.s., 3(5.1), PGI, 55gal, CC57513-SP, LCCRD, IC5538-5	1	DF	14	P	D001	D002
X	6) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGI, 55gal, CC57513-SP, LCCRC, IC5538-1	1	DF	146	P	D005	D008 D011
X	7) UN1992, R.O. Waste Flammable Liquids, Toxic, n.o.s., 3(5.1), PGI, RQ-D001, 55gal, CC57513-SP, LCCRD, IC5538-2	1	DF	184	P	D001	D022
X	8) UN1822, R.O. Waste Flammable Liquids, Toxic, n.o.s., 3(5.1), PGI, RQ-D001, 55gal, CC57513-SP, LCCRD, IC5538-3	1	DF	111	P	D035	D001
X	9) UN3284, Waste Corrosive Liquids, Aqueous, Inorganic, n.o.s., 8, PGI, 30gal, CC57513-SP, LCCRA, IC5538-4	1	DF	40	P	D002	
X	10) UN2733, R.O. Waste Polyamines, Flammable, Corrosive, n.o.s., 3(5.1), PGI, RQ-D001, D002, 30gal, CC57513-SP, LCCRD, IC5538-5	1	DF	110	P	D001	D002
X	11) UN3284, R.O. Waste Corrosive Liquids, Aqueous, Inorganic, n.o.s., 8, PGI, RQ-D002, 30gal, CC57513-SP, LCCRA, IC5538-8	1	DF	124	P	D002	
X	12) UN2728, Waste Acetic Acid, Glacial, 8(3), PGI, 10gal, CC57513-SP, LCCRC, IC5538-9	1	DF	30	P	D001	D002
X	13) UN1822, R.O. Waste Flammable Liquids, Toxic, n.o.s., 3(5.1), PGI, RQ-D001, 30gal, CC57513-SP, LCCRD, IC5545-1	1	DF	138	P	D001	D003 U007
X	14) UN2011, Toxic Solid, Organic, n.o.s., 6.1, PGI, DOT-SP188, 10gal, CC57513-SP, LCCRC, IC5545-7	1	DF	3	P	NONE	
8) ERG#; CC57513-SP ADC- _____ 5) ERG#; U052,U060,U144,U188,U201 CC57513-SP ADC- _____ 7) ERG#; CC57513-SP ADC- _____ 9) ERG#; CC57513-SP ADC- _____ 11) ERG#; CC57513-SP ADC- _____ 12) ERG#; CC57513-SP ADC- _____ 13) ERG#; CC57513-SP ADC- _____ 14) ERG#; CC57513-SP ADC- _____							
33. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
34. Transporter _____ Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____							
35. Discrepancy _____							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
5. H040 16. H040 17. H040 18. H040 19. H040							
10. H040 11. H040 12. H040 13. H040 14. H040							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NM0002208627	22. Page 3 of 5	23. Manifest Tracking Number 007780329 FLE		
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
X	15) UN3284, R.Q. Waste Corrosive Liquids, Acidic, Inorganic, n.o.s., 3, PGI, RQ=D002, 55gal, CC57813-SP, LCCRA, IC5855-1	1	DF	248		D002
X	16) UN1882, R.Q. Waste Flammable Liquids, Toxic, n.o.s., 3(8.1), PGI, RQ=D001, 55gal, CC57813-SP, LCCRD, IC5855-2	1	DF	226		D001 D035 F003 U002 U057 U154
X	17) UN1882, R.Q. Waste Flammable Liquids, n.o.s., 3, PGI, RQ=D001, 55gal, CC57813-SP, LCCRD, IC5855-3	1	DF	221		D001 F003
X	18) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGI, 55gal, CC57813-SP, LCCRC, IC5855-4	1	DF	149		D005 D010 U150 D008 U088
X	18) UN1882, R.Q. Waste Flammable Liquids, Toxic, n.o.s., 3(8.1), PGI, 55gal, CC57813-SP, LCCRD, IC5855-7	1	DF	166		D001 F003 U154 U220 U236
X	20) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGI, 55gal, CC57813-SP, LCCRC, IC5855-8	1	DF	164		D010 D022 D025 U044
X	21) UN2824, R.Q. Waste Flammable Liquids, Corrosive, n.o.s., 3(8), PGI, RQ=D001, D002, 55gal, CC57813-SP, LCCRD, IC5855-10	1	DF	129		D001 D002 D007 F003 U088 U080
X	22) UN3284, R.Q. Waste Corrosive Liquids, Acidic, Inorganic, n.o.s., 3, PGI, RQ=D002, 30gal, CC57813-SP, LCCRA, IC5855-11	1	DF	102		D002
X	23) UN2824, Waste Flammable Liquids Corrosive, n.o.s., 3(8), PGI, 30gal, CC57813-SP, LCCRD, IC5855-12	1	DF	94		D001 D002
X	24) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGI, 30gal, CC57813-SP, LCCRC, IC5855-13	1	DF	91		U070 D005 D008 D027 U080
27. Special Handling Instructions and Additional Information						
15) ERG#; CC57813-SP ADC-		16) ERG#; CC57813-SP ADC-		17) ERG#; CC57813-SP ADC-		
18) ERG#; CC57813-SP ADC-		18) ERG#; CC57813-SP ADC-		20) ERG#; CC57813-SP ADC-		
21) ERG#; U154/U188 CC57813-SP ADC-		22) ERG#; CC57813-SP ADC-		23) ERG#; CC57813-SP ADC-		
24) ERG#; CC57813-SP ADC-						
33. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
34. Transporter _____ Acknowledgment of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
15. H040 116 H040 117 H040 118 H040 119 H040						
20 H040 121 H040 122 H040 123 H040 124 H040						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 4 of 5	23. Manifest Tracking Number 027780329 FLE			
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107							
25. Transporter _____ Company Name				U.S. EPA ID Number			
26. Transporter _____ Company Name				U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	X	25) UN1813, Waste Flammable Liquids, n.o.s., 3, PGII, 30gal, CC57813-SP, LCCR, IC5555-17	1	DF	122	P	D001
	X	26) UN3285, Waste Corrosive Liquids, Acidic, Organic, n.o.s., 8, PGII, 15gal, CC57813-SP, LCCR, IC5555-18	1	DF	61	P	D002
	X	27) UN3285, Waste Corrosive Liquids, Acidic, Organic, n.o.s., 8, PGII, 15gal, CC57813-SP, LCCR, IC5555-18	1	DF	35	P	D002
	X	28) UN1781, Waste Hypochlorite Solutions, n.o.s., 8, PGII, 15gal, CC57813-SP, LCCR, IC5555-21	1	DF	42	P	D002
	X	29) UN2024, Waste Flammable Liquids, Corrosive, n.o.s., 3(8), PGII, 15gal, CC57813-SP, LCCR, IC5555-24	1	DF	44	P	D001 D002
	X	30) UN2024, Waste Flammable Liquids, Corrosive, n.o.s., 3(8), PGII, 15gal, CC57813-SP, LCCR, IC5555-25	1	DF	37	P	D001 D002
	X	31) UN3485, Waste Iodine Solution, 8(5.1), PGII, 5gal, CC57813-SP, LCCR, IC5555-28	1	DF	12	P	D002
	X	32) UN2872, Waste Ammonia Solutions, 8, PGII, 5gal, CC57813-SP, LCCR, IC5555-29	1	DF	9	P	D002
	X	33) UN2872, R.G. Waste Ammonia Solutions, 8, PGII, R.G. D302, 55gal, CC57813-SP, LCCR, IC5554-1	1	DF	144	P	D002
X	34) UN2854, R.G. Waste Corrosive Liquids, Acidic, Inorganic, n.o.s., 8, PGII, 55gal, CC57813-SP, LCCR, IC5554-2	1	DF	125	P	D002	
25) ERG# CC57813-SP ADC- _____ 26) ERG# CC57813-SP ADC- _____ 27) ERG# CC57813-SP ADC- _____ 28) ERG# CC57813-SP ADC- _____ 29) ERG# CC57813-SP ADC- _____ 30) ERG# CC57813-SP ADC- _____ 31) ERG# CC57813-SP ADC- _____ 32) ERG# CC57813-SP ADC- _____ 33) ERG# CC57813-SP ADC- _____ 34) ERG# CC57813-SP ADC- _____							
TRANSPORTER	33. Transporter _____ Acknowledgment of Receipt of Materials						
	Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	34. Transporter _____ Acknowledgment of Receipt of Materials						
	Printed/Typed Name		Signature		Month Day Year		
35. Discrepancy							
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
25 H040 124 H040 127 H040 128 H040 129 H040 30 H040 131 H040 132 H040 133 H040 134 H040							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 5 of 5	23. Manifest Tracking Number 007760329 FLE		
24. Generator's Name Advanced Chemical Treatment 3133 Edin Blvd NE Albuquerque, NM 87407						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
		No.	Type			
X	35) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGI, 30gal, CC57513-SP, LCCRC, IC5554-4	1	DF	90	P	D005 D007 D022 D037 F027 P048
X	36) UN1992, Waste Flammable Liquids Toxic, n.o.s., 3(6.1), PGI, 30gal, CC57513-SP, LCCRD, IC5554-5	1	DF	84	P	D018 D038 F003 U122 U198 D001
X	37) UN2820, Waste Corrosive Liquids, Flammable, n.o.s., 8(3), PGI, 30gal, CC57513-SP, LCCRC, IC5554-3	1	DF	74	P	D001 D002
X	38) UN3265, H.C. Waste Corrosive Liquids Basic Inorganic, n.o.s., 8, PGI, RC-D602, 30gal, CC57513-SP, LCCRB, IC5554-7	1	DF	152	P	D002
X	39) UN1710, Waste Inflammable Liquids, n.o.s., 2(3), PGI, 20gal, CC57513-SP, LCCRC, IC5554-8	1	DF	137	P	U228
X	40) UN2024, Waste Flammable Liquids Corrosive, n.o.s., 3(8), PGI, 15gal, CC57513-SP, LCCRD, IC5554-3	1	DF	27	P	D001 D002
X	41) UN2020, Waste Corrosive Liquids, Flammable, n.o.s., 8(3), PGI, 15gal, CC57513-SP, LCCRC, IC5554-10	1	DF	42	P	D001 D002
35) ERG#; U057, U063, U064, U065, U066, U067, U068, U069, U070, U071, U072, U073, U074, U075, U076, U077, U078, U079, U080, U081, U082, U083, U084, U085, U086, U087, U088, U089, U090, U091, U092, U093, U094, U095, U096, U097, U098, U099, U100, U101, U102, U103, U104, U105, U106, U107, U108, U109, U110, U111, U112, U113, U114, U115, U116, U117, U118, U119, U120, U121, U122, U123, U124, U125, U126, U127, U128, U129, U130, U131, U132, U133, U134, U135, U136, U137, U138, U139, U140, U141, U142, U143, U144, U145, U146, U147, U148, U149, U150, U151, U152, U153, U154, U155, U156, U157, U158, U159, U160, U161, U162, U163, U164, U165, U166, U167, U168, U169, U170, U171, U172, U173, U174, U175, U176, U177, U178, U179, U180, U181, U182, U183, U184, U185, U186, U187, U188, U189, U190, U191, U192, U193, U194, U195, U196, U197, U198, U199, U200, U201, U202, U203, U204, U205, U206, U207, U208, U209, U210, U211, U212, U213, U214, U215, U216, U217, U218, U219, U220, U221, U222, U223, U224, U225, U226, 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LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

GENERATOR NAME	MANIFEST NUMBER
Advanced Chemical Treatment	007760329 FLE

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
1	CC57613-SP / CC57613-SP	D001 D003 D022			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
2	CC57613-SP / CC57613-SP	D001 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
3	CC57613-SP / CC57613-SP	D004 D005			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
4	CC57613-SP / CC57613-SP	D001 D003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
5	CC57613-SP / CC57613-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
6	CC57613-SP / CC57613-SP	D005 D008 D011 D022 D026 U044 U052 U080 U144 U188 U201			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
7	CC57613-SP / CC57613-SP	D001 D022			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
8	CC57613-SP / CC57613-SP	D001 D035			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
9	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
10	CC57613-SP / CC57613-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
11	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
12	CC57613-SP / CC57613-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
13	CC57613-SP / CC57613-SP	D001 U003 U007			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
14	CC57613-SP / CC57613-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
15	CC57613-SP / CC57613-SP	D002			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
16	CC57613-SP / CC57613-SP	D001 D035 F003 U002 U057 U154			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
17	CC57613-SP / CC57613-SP	D001 F003			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
18	CC57613-SP / CC57613-SP	D006 D008 D010 U150 U188			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
19	CC57613-SP / CC57613-SP	D001 F003 U154 U220 U236			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
20	CC57613-SP / CC57613-SP	D005 D010 D022 U044			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
21	CC57613-SP / CC57613-SP	D001 D002 D007 F003 U056 U080 U154 U188			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
22	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
23	CC57613-SP / CC57613-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
24	CC57613-SP / CC57613-SP	D005 D008 D027 U070 U080			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
25	CC57613-SP / CC57613-SP	D001			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
26	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
27	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
28	CC57613-SP / CC57613-SP	D002			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
29	CC57613-SP / CC57613-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30	CC57613-SP / CC57613-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
33	CC57613-SP / CC57613-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
34	CC57613-SP / CC57613-SP	D002			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
35	CC57613-SP / CC57613-SP	D005 D007 D022 D037 F027 P048 P075 U007 U010 U012 U044 U058 U081 U101 U165 U170 U188 U328			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
36	CC57613-SP / CC57613-SP	D001 D018 D038 F003 U122 U154 U196			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
37	CC57613-SP / CC57613-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
38	CC57613-SP / CC57613-SP	D002			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
39	CC57613-SP / CC57613-SP	U228			NWW	

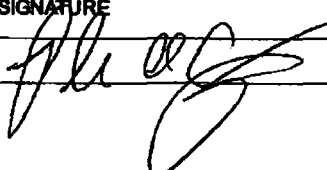
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
40	CC57613-SP / CC57613-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
41	CC57613-SP / CC57613-SP	D001 D002			NWW	

SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
- B. Lab Pack Waste Qualifying for Alternative Treatment und 40 CFR 268.40
- C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
- E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(l); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(l) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSDF handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
- J. Certification for contaminated soil treated in accordance with 40 CFR 268.49
Waste analysis is attached where available; otherwise the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	DATE
	Chemist	10/10/2017

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I


I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WSDRUM - Drum Viewing

[Home](#) [Drum Viewing](#) [Tracking Activity](#) [Inventories](#) [Last Received](#) [Hazardous](#) [Special Receipts](#) [Profile](#) [Help](#)

Drum:  Inventory Mgt #: **C000002825** Customer Drum #: 

Manifest Company: KP	SO Branch: CZ Sales Order #: 1705655594-001	Load #: 1711117
Manifest Number: 007760348FLE	Manifest Line: 8	Lot #: 23763811
Manifest Status: PR	Manifest Page: 1	Shipment Type: DRUM
Profile: LCCRC	UN / NA: UN2810	Final Code Date: 11/15/2017 8:31:51 AM
Pre Waste Class: LCCRC	Testing Waste Class: LCCRC	Processing Waste Class: LCCRC
Date Received: 11/14/2017 9:57:04 AM	Restrictions: N	Dilling Waste Class: LCCRC
Container Size: 15	Container Type: DF	Processing Status: YES
Original Quantity: 40	Current Quantity: 0	Quantity UOM: LBS
Drum Weight: 40	Weight UOM: LBS	Tare Weight: 7
PCB Type:	Out of Service:	Serial #:
Generator Company: AD2011	Generator Date: 11/13/2017	Generator EPA #: NMD002208627
Area:	Location: KP	Initial Tracking Date: 11/14/2017 9:57:04 AM
Processing Type: Mix Special		
Customer Batch #		
Off-spec Reason:	Comments: LW LP NO RS	MFG SKU:

Waste Numbers:

P042;U188

Modified by **DOBRINA2**on **11/17/2017 10:54:37 PM**Created: **11/13/2017 2:29:07 PM**

Please print or type. (Form designed for use on 12-pitch typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number RAID02208527	2. Page 1 of 3	3. Emergency Response Phone 1-800-765-7225	4. Manifest Tracking Number 007760348 FLE
5. Generator Name (Print/Type) 6133 Edith Blvd NE Albuquerque, NM 87107 505-348-8220					
6. Generator's Phone: 505-348-8220					
7. Transporter 1 Company Name Advanced Chemical Transport Inc. (SV)				U.S. EPA ID Number CAR000070540	
8. Transporter 2 Company Name				U.S. EPA ID Number	
9. Designated Facility Name 2247 South Highway 71 Klamath, NE 68445				U.S. EPA ID Number NED001723513	
Facility's Phone: 308-235-4012					
10. Containers	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
			No.	Type	
1	190	P	0001	0003	
1	117	P	0001	0003	
1	7	P	0001		
1	7	P	0003	0001	
14. Special Handling Instructions and Additional Information 1) CC5001-SP ADC _____ 3) CC5001-SP ADC _____ 2) CC5001-SP ADC _____ 4) CC5001-SP ADC _____					
15. GENERATOR/SUPPLIER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement is certified in 40 CFR 262.27(a) (If I am a large quantity generator or a small quantity generator) is true.					
Generator/Supplier's Printed/Typed Name: RAIS GUASTH Signature: <i>[Signature]</i> Month: 11 Day: 11 Year: 10/17					
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Part of one year: _____ Date leaving U.S.: _____					
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: Marlin Aranda Signature: <i>[Signature]</i> Month: 11 Day: 10 Year: 17 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____					
18. Discrepancy					
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____					
Facility's Phone: _____					
18c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____					
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
1. H040		2. H040		3. H040	
				4. H041	
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a. Printed/Typed Name: Laura J. [Signature] Signature: <i>[Signature]</i> Month: 11 Day: 14 Year: 17					

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NND0012200527	22. Page 2 of 3	23. Manifest Tracking Number 007780348 FILE		
24. Generator's Name Advanced Chemical Treatment 8133 Edin Blvd NE Albuquerque, NM 87107						
25. Transporter _____ Company Name				U.S. EPA ID Number		
26. Transporter _____ Company Name				U.S. EPA ID Number		
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit WL/Vol.	31. Waste Codes
X	5) UN1355, Waste Sulfur, 4.1, PGM, 5gal, CC50081-SP, LCCRD, IC5008-6	1	DF	14	P	D001
	6) UN3250, Waste Corrosive Solids, Acidic, Inorganic, n.o.s., 8, PGM, 5gal, CC50081-SP, LCCRA, IC5008-12	1	DF	9	P	NONE
X	7) UN2817, R.O. Waste Ammonium Hydrogen Difluoride, solutions, 8(S.1), PGM, RQ-D002, 30gal, CC50081-SP, LCCRA, IC5073-1	1	DF	100	P	D002
X	8) UN2810, Waste Toxic Liquids, Organic, n.o.s., 6.1, PGM, 15gal, CC50081-SP, LCCRC, IC5073-3	1	DF	40	P	P042 U100
X	9) UN3254, Waste Corrosive Liquids, Acidic, Inorganic, n.o.s., 8, PGM, 15gal, CC50081-SP, LCCRA, IC5073-4	1	DF	62	P	D002
X	10) UN1863, Waste Flammable Liquids, Toxic, n.o.s., 3(S.1), PGM, 12gal, CC50081-SP, LCCRD, IC5073-5	1	DF	42	P	D035 U125 D091 U078
X	11) UN3485, Waste Iodine Solutions, 8(S.1), PGM, 2gal, CC50081-SP, LCCRA, IC5073-6	1	DF	18	P	D002
X	12) UN3255, Waste Corrosive Liquids, Acidic, Organic, n.o.s., 8, PGM, 5gal, CC50081-SP, LCCRC, IC5073-7	1	DF	18	P	D002
X	13) UN1325, R.O. Waste Flammable Solids, Organic, n.o.s., 4.1, PGM, RQ-D001, 55gal, CC50082-SP, LCCRD, IC5084-3	1	DF	135	P	D001 U105
	14) UN2810, Toxic Liquids, Organic, n.o.s., 6.1, PGM, 55gal, CC50082-SP, LCCRC, IC5084-4	1	DF	203	P	NONE
32. Special Handling Instructions and Additional Information 6) ERGM; CC50081-SP ADC- _____ 7) ERGM; CC50081-SP ADC- _____ 8) ERGM; CC50081-SP ADC- _____ 9) ERGM; CC50081-SP ADC- _____ 10) ERGM; CC50081-SP ADC- _____ 11) ERGM; CC50081-SP ADC- _____ 12) ERGM; CC50081-SP ADC- _____ 13) ERGM; CC50082-SP ADC- _____ 14) ERGM; CC50082-SP ADC- _____						
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 5. H040 10. H040 11. H040 12. H040 13. H040 14. H040 15. H040 16. H040 17. H040 18. H040 19. H040 20. H040						

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

GENERATOR NAME				MANIFEST NUMBER	
Advanced Chemical Treatment				007760348 FLE	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW Special Conditions
1	CC58081-SP / CC58081-SP	D001 F003			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW Special Conditions
2	CC58081-SP / CC58081-SP	D001 F003			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW Special Conditions
3	CC58081-SP / CC58081-SP	D001			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW Special Conditions
4	CC58081-SP / CC58081-SP	D001 D006			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW Special Conditions
5	CC58081-SP / CC58081-SP	D001			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW Special Conditions
6	CC58081-SP / CC58081-SP	NONE			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW Special Conditions
7	CC58081-SP / CC58081-SP	D002			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW Special Conditions
8	CC58081-SP / CC58081-SP	P042 U188			NWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW Special Conditions
9	CC58081-SP / CC58081-SP	D002			NWW

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
10	CC58081-SP / CC58081-SP	D001 D035 U079 U125			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
11	CC58081-SP / CC58081-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
12	CC58081-SP / CC58081-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
13	CC58082-SP / CC58082-SP	D001 U185			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
14	CC58082-SP / CC58082-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
15	CC58082-SP / CC58082-SP	D008 D011 D025			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
16	CC58082-SP / CC58082-SP	D004 D022 D040 U044			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
17	CC58082-SP / CC58082-SP	D002			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
18	CC58082-SP / CC58082-SP	D001 F003 U154			NWW	


Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
19	CC58082-SP / CC58082-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
20	CC58082-SP / CC58082-SP	D001 D002			NWW	

SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
 B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.40
 C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
 D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
 E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
 F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(f); are treated on-site to remove hazardous characteristics; and are sent off-site for treatment underlying hazardous constituents (list constituents)
 G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(f) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
 H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSD handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
 I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
 J. Certification for contaminated soil treated in accordance with 40 CFR 268.49
 Waste analysis is attached where available; otherwise the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	DATE
	Chemist	10/30/17

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it [DOES/DOES NOT] contain listed hazardous waste and [DOES/DOES NOT] exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WSDRUM - Drum Viewing[Prescriptions](#) | [Shipping / Tracking](#) | [Activities](#) | [Restrictions](#) | [Lab Results](#) | [History](#) | [Gen. Restrictions](#) | [Profile Restrictions](#)

Drum: 56173503	Inventory Mgt #:	Customer Drum #: 1701120
Manifest Company: KP	SO Branch: CZ Sales Order #: 1700175715-001	Lot #: 21051247
Manifest Number: 007761076FLE	Manifest Line: 38	Shipment Type: DRUM
Manifest Status: PR	Manifest Page: 1	Final Code Date: 1/18/2017 2:45:05 PM
Profile: LCCRC	UN / NA: UN2810	Processing Waste Class: LCCRC
Pre Waste Class: LCCRC	Testing Waste Class: LCCRC	Billing Waste Class: LCCRC
Date Received: 1/17/2017 3:09:28 PM	Restrictions: N	Processing Status: YES
Container Size: 55	Container Type: DF	Quantity UOM: LBS
Original Quantity: 265	Current Quantity: 0	Tare Weight: 25
Drum Weight: 265	Weight UOM: LBS	Serial #:
PCB Type:	Out of Service:	Generator EPA #: NMD002208627
Generator Company: AD2011	Generator Date: 1/13/2017	Initial Tracking Date: 1/17/2017 3:09:28 PM
Area:	Location: KP	
Processing Type: Shred Mixture		
Customer Batch #	Comments: kw tox lp	MTG SKU:
Off-spec Reason:		
Waste Numbers:		

D005;D008;D019;P004;P020;P041;P051;P059;P066;P123;P127;P194;P199;U038;U048;U081;U129;U144;U185;U186;U240;U247;U279;U411

Modified by **MOENCHD1**on **1/26/2017 7:41:58 AM**Created: **1/17/2017 1:48:07 PM**

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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NMD002208827	2. Page 1 of 5	3. Emergency Response Phone 1-888-785-7225	4. Manifest Tracking Number 007761076 FLE		
5. Generator's Name and Mailing Address Advanced Chemical Treatment 6133 Edith Blvd NE Albuquerque, NM 87107 505-349-5220							
Generator's Site Address (if different than mailing address)							
6. Generator's Phone: Advanced Chemical Transport Inc. (SV)					U.S. EPA ID Number CAZ000070540		
7. Transporter 1 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address Clean Harbors Environmental Services, Inc. (KP) 2247 South Highway 71 Kimball, NE 68145 308 235 4012					U.S. EPA ID Number NED881723513		
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	1. UN3087, R.O. Waste Oxidizing Solids, Toxic, n.e.s., 5.1(8.1), PGII, RQ=D001, LCCR0, 0654041-SP, IC4578-1 CC54333-SP		1 DF	179	P	D001 D008
	X	2. UN3297, R.O. Waste Corrosive, Liquids, Basic, Organic, n.e.s., 8, PGII, RQ=D002, LCCRB, 0654041-SP, IC4597-1 CC54333-SP		1 DF	209	P	D002
	X	3. UN3297, R.O. Waste Corrosive, Liquids, Basic, Organic, n.e.s., 8, PGII, RQ=D002, LCCRB, 0654041-SP, IC4597-2 CC54333-SP		1 DF	175	P	D002
	X	4. UN2924, R.O. Waste Flammable Liquids, Corrosive, n.e.s., 3(8), PGII, RQ=D001, D002, LCCRD, 0654041-SP, IC4514-1 CC54333-SP		1 DF	196	P	D001 D002 D007 F003 U057 U080
14. Special Handling Instructions and Additional Information Internal Project Number - Document # 601849 1) 06-54041-SP CC54333-SP 2) 06-54041-SP CC54333-SP Clean Harbors Sales Order # 1700175715 3) 06-54041-SP CC54333-SP 4) U154, U188, U186 06-54041-SP CC54333-SP							
15. GENERATOR'S/EXPORTER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Exporter's Printed/Typed Name PAUL CHURASH							
Signature [Signature]							
Month Day Year 11 13 17							
TRANSPORTER INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Michael Ramirez Signature [Signature] Month Day Year 11 13 17 Transporter 2 Printed/Typed Name Signature Month Day Year						
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: U.S. EPA ID Number: Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H141 2. H040 3. H040 4. H040						
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Tim Kussman Signature [Signature] Month Day Year 11 17 17						
	EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.						
	DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)						

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 2 of 5	23. Manifest Tracking Number 007781078 FLE				
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107								
25. Transporter Company Name				U.S. EPA ID Number				
26. Transporter Company Name				U.S. EPA ID Number				
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit WT/Vol.	31. Waste Codes	
	X	5) UN2824, R.O. WASTE FLAMMABLE LIQUIDS, CORROSIVE, N.O.S., 3(8), PGI, RC-D001, D002, LCCRD, CC54333-SP, C4614-3	1	DF	76	P	D001 D002	
	X	6) UN3286, WASTE FLAMMABLE LIQUIDS, TOXIC, CORROSIVE, N.O.S., 3(8.1,8), PGI, LCCRD, CC54333-SP, C4614-4	1	DF	44	P	D022 F002 F005 U344 D001 D022	
	X	7) UN2824, WASTE FLAMMABLE LIQUIDS, CORROSIVE, N.O.S., 3(8), PGI, LCCRD, CC54333-SP, IC4614-5	1	DF	67	P	D001 D002	
	X	8) UN2810, R.O. WASTE TOXIC LIQUIDS, ORGANIC, N.O.S., 6.1, PGI, LCCRC, CC54333-SP, IC4620-1	1	DF	150	P	D011 U058	
	X	9) UN2810, R.O. WASTE TOXIC LIQUIDS, ORGANIC, N.O.S., 6.1, PGI, LCCRC, CC54333-SP, C4620-2	1	DF	158	P	U058	
		10) UN2811, TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, PGI, LCCRD, CC54333-SP, IC4623-1	1	DF	292	P	NONE	
		11) UN2811, TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, PGI, LCCRC, CC54333-SP, IC4623-2	1	DF	300	P	NONE	
	X	12) UN2810, WASTE TOXIC LIQUIDS, ORGANIC, N.O.S., 6.1, PGI, LCCRC, CC54333-SP, IC4623-3	1	DF	178	P	D004 D008 D011 D018 U204	
	X	13) UN2811, WASTE TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, PGI, LCCRC, CC54333-SP, IC4623-4	1	DF	164	P	D007 D008 D022 U344 U188	
	X	14) UN2811, WASTE TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, PGI, LCCRC, CC54333-SP, IC4623-6	1	DF	133	P	D008 P113	
	32. Special Handling Instructions and Additional Information 5) ERG#: CC54333-SP ADC- 6) ERG#: D007,F003 CC54333-SP ADC- 7) ERG#: CC54333-SP ADC- 8) ERG#: CC54333-SP ADC- 9) ERG#: CC54333-SP ADC- 10) ERG#: CC54333-SP ADC- 11) ERG#: CC54333-SP ADC- 12) ERG#: CC54333-SP ADC- 13) ERG#: CC54333-SP ADC- 14) ERG#: CC54333-SP ADC-							
	TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
		34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	35. Discrepancy							
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 H040 H040 H040 H040 H040 H040 H040 H040 H040							

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 8 of 8	23. Manifest Tracking Number 227761076 FLE			
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE ALBUQUERQUE, NM 87107							
25. Transporter Company Name				U.S. EPA ID Number			
26. Transporter Company Name				U.S. EPA ID Number			
GENERATOR	27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	X	15) UN2811, WASTE TOXIC LIQUIDS, ORGANIC, N.O.S., 5.1, PGII, LCCRC, CC54333-SP, IC4823-6	1	DF	197	P	U080 0007 0022 U044
		16) NON-DOT HAZARDOUS, NON-RCRA REGULATED MATERIALS, LCCRN, CC54333-SP, IC4823-7	1	DF	169	P	NONE
	X	17) UN2810, WASTE TOXIC LIQUIDS, ORGANIC, N.O.S., 5.1, PGII, LCCRC, CC54333-SP, IC4823-8	1	DF	243	P	D027
		18) UN2810, TOXIC LIQUIDS, ORGANIC, N.O.S., 5.1, PGII, LCCRC, CC54333-SP, IC4823-9	1	DF	173	P	NONE
	X	19) UN2810, WASTE TOXIC LIQUIDS, ORGANIC, N.O.S., 5.1, PGII, LCCRC, CC54333-SP, IC4823-10	1	DF	193	P	D008 D022 U044
	X	20) UN3284, R.Q. WASTE CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S., 8, PGII, RO-D002, LCCRA, CC54333-SP, IC4824-1	1	DF	133	P	D002
	X	21) UN3284, R.Q. WASTE CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S., 8, PGII, RO-D002, LCCRA, CC54333-SP, IC4824-2	1	DF	157	P	D002
	X	22) UN3284, R.Q. WASTE CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S., 8, PGII, RO-D002, LCCRA, CC54333-SP, IC4824-3	1	DF	201	P	D002
	X	23) UN3284, R.Q. WASTE CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S., 8, PGII, RO-D002, LCCRA, CC54333-SP, IC4824-4	1	DF	237	P	D002
X	24) UN3284, R.Q. WASTE CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S., 8, PGII, RO-D002, LCCRA, CC54333-SP, IC4824-5	1	DF	148	P	D002	
32. Special Handling Instructions and Additional Information 15) ERG#; CC54333-SP ADC- 16) ERG#; CC54333-SP ADC- 17) ERG#; CC54333-SP ADC- 18) ERG#; CC54333-SP ADC- 19) ERG#; CC54333-SP ADC- 20) ERG#; CC54333-SP ADC- 21) ERG#; CC54333-SP ADC- 22) ERG#; CC54333-SP ADC- 23) ERG#; CC54333-SP ADC- 24) ERG#; CC54333-SP ADC-							
TRANSPORTER	33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
	34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name		Signature		Month Day Year		
DESIGNATED FACILITY	35. Discrepancy						
	36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
	H040	H040	H040	H040	H040		
	H040	H040	H040	H040	H040		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208827	22. Page 4 of 5	23. Manifest Tracking Number 007781076 FLE	
24. Generator's Name Advanced Chemical Treatment 5133 Edith Blvd NE Albuquerque, NM 87107					
25. Transporter _____ Company Name				U.S. EPA ID Number	
26. Transporter _____ Company Name				U.S. EPA ID Number	
27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.
X	25) UN1882, R.O. WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., 3(6.1), PGI, RQ-D001, LCCR, CC54333-SP, IC4524-6	1	DF	122	P
					D018 D028 U198
					D001 U003 U018
X	26) UN2811, WASTE TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, PGI, LCCR, CC54333-SP, IC4528-1	1	DF	138	P
					U007
X	27) UN2810, WASTE TOXIC SOLID, ORGANIC, N.O.S., 6.1, PGI, LCCR, CC54333-SP, IC4528-2	1	DF	149	P
					U188 U061
X	28) UN2820, R.O. WASTE CORROSIVE LIQUIDS, FLAMMABLE, N.O.S., 8(3), PGI, RQ-D002, LCCR, CC54333-SP, IC4528-3	1	DF	177	P
					D001 D002
X	29) UN2844, R.O. WASTE CORROSIVE LIQUIDS, ACIDIC, INORGANIC, N.O.S., 8, PGI, RQ-D002, LCCR, CC54333-SP, IC4528-4	1	DF	132	P
					D002
X	30) UN2810, WASTE TOXIC LIQUIDS, ORGANIC, N.O.S., 6.1, PGI, LCCR, CC54333-SP, H432-1	1	DF	244	P
					D022 U080 U044
X	31) UN2014, R.O. WASTE HYDROGEN PEROXIDE AQUEOUS SOLUTION WITH AT LEAST 20% BUT NOT MORE THAN 40% HYDROGEN PEROXIDE, 5.1(5), PGI, RQ-D001, D002, LCCR, C	1	DF	208	P
					D001 D002
X	32) UN1882, R.O. WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., 3(6.1), PGI, LCCR, CC54333-SP, H432-3	1	DF	199	P
					U002 U003 D001
					U194
X	33) UN2799, WASTE MINES, FLAMMABLE, CORROSIVE, N.O.S., 3(8), PGI, LCCR, CC54333-SP, H432-4	1	DF	94	P
					D001 D002
X	34) UN1325, R.O. WASTE FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, PGI, RQ-D001, LCCR, CC54333-SP, IC4527-1	1	DF	140	P
					D001 F001 F003
25) ERG#: CC54333-SP ADC- _____ 26) ERG#: CC54333-SP ADC- _____ 27) ERG#: CC54333-SP ADC- _____					
28) ERG#: CC54333-SP ADC- _____ 29) ERG#: CC54333-SP ADC- _____ 30) ERG#: CC54333-SP ADC- _____					
31) ERG#: CC54333-SP ADC- _____ 32) ERG#: CC54333-SP ADC- _____ 33) ERG#: CC54333-SP ADC- _____					
34) ERG#: CC54333-SP ADC- _____					
33. Transporter _____ Acknowledgment of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
34. Transporter _____ Acknowledgment of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
35. Discrepancy					
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)					
H040		H040		H040	
H040		H141		H040	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator ID Number NMD002208627	22. Page 5 of 5	23. Manifest Tracking Number 997761076 FLE		
24. Generator's Name Advanced Chemical Treatment 3133 Edith Blvd NE ALBUQUERQUE, NM 87107						
25. Transporter Company Name				U.S. EPA ID Number		
26. Transporter Company Name				U.S. EPA ID Number		
GENERATOR	27a. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No. Type		29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	X 35) UN1993, R.Q. WASTE FLAMMABLE LIQUIDS, N.O.S., 3, PGM, RO=D001, LCCR, CC54333-SP, IC4857-2	1	DF	100	P	U002 D001 U154
	X 36) UN3088, R.Q. WASTE OXIDIZING LIQUID, CORROSIVE, N.O.S., 5.1(8), PGM, RO=D001, D002, LCCR, CC54333-SP, IC4857-3	1	DF	197	P	D011 D001 D022
	X 37) UN2811, WASTE TOXIC SOLID, ORGANIC, N.O.S., 6.1, PGM, LCCR, CC54333-SP, IC4857-5	1	DF	110	P	D024 D008
	X 38) UN2810, WASTE TOXIC SOLID, ORGANIC, N.O.S., 6.1, PGM, LCCR, CC54333-SP, IC4857-6	1	DF	134	P	D025 D008 D018 P004 P020 P041
	X 39) UN2733, R.Q. WASTE AMINES, FLAMMABLE, CORROSIVE, N.O.S., 3(8), PGM, RO=D001, D002, LCCR, CC54333-SP, IC4857-7	1	DF	125	P	D001 D002
	X 40) UN2884, R.Q. WASTE CORROSIVE, LIQUIDS, ACIDIC, INORGANIC, N.O.S., 8, PGM, RO=D002, LCCR, CC54333-SP, IC4857-8	1	DF	130	P	D002 D007
	41) Non-DOT Hazardous, Non-RCRA Regulated Material, Liquid, LCCR, CC53821-SP, H3882-2	1	DF	241	P	NONE
	42) UN2810, Toxic Liquid, Organic, n.o.s., 6.1, PGM, LCCR, CC53821-SP, H3881-3	1	DF	187	P	NONE
	X 43) UN2810, Waste Toxic Liquid, Organic, n.o.s., 6.1, PGM, LCCR, CC53821-SP, H3881-4	1	DF	232	P	D007
	44) UN2810, Toxic Liquid, Organic, n.o.s., 6.1, PGM, LCCR, CC53821-SP, H4028-1	1	DF	262	P	NONE
	35) ERG#; CC54333-SP ADC- 36) ERG#; CC54333-SP ADC- 37) ERG#; CC54333-SP ADC- 38) ERG#; P051, P059, P065, P128, P127, P184, P189, U038, U046, U081, U128, U144, U185, U188, U240, U247, U278, U411 CC54333-SP ADC- 39) ERG#; CC54333-SP ADC- 40) ERG#; CC54333-SP ADC- 41) ERG#; CC53821-SP ADC- 42) ERG#; CC53821-SP ADC- 43) ERG#; CC53821-SP ADC- 44) ERG#; CC53821-SP ADC-					
33. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
34. Transporter Acknowledgment of Receipt of Materials Printed/Typed Name _____ Signature _____ Month _____ Day _____ Year _____						
35. Discrepancy						
36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) H040 H141 H040 H040 H040 H040 H040 H040 H040 H040						

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

GENERATOR NAME				MANIFEST NUMBER	
Advanced Chemical Treatment				007761076 FLE	
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	WWW or WW Special Conditions
1	CC54333-SP	D001 D008			WWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	WWW or WW Special Conditions
2	CC54333-SP	D002			WWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	WWW or WW Special Conditions
3	CC54333-SP	D002			WWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	WWW or WW Special Conditions
4	CC54333-SP	D001 D002 D007 F003 U057 U080 U154 U188 U198			WWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	WWW or WW Special Conditions
5	CC54333-SP	D001 D002			WWW
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	WWW or WW Special Conditions
6	CC54333-SP	D001 D002 D007 D022 F002 F003 F005 U044			WWW

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
7	CC54333-SP	D001 D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
8	CC54333-SP	D011 U058			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
9	CC54333-SP	U058			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
10	CC54333-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
11	CC54333-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
12	CC54333-SP	D004 D008 D010 D011 U204			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
13	CC54333-SP	D007 D008 D022 U044 U188			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
14	CC54333-SP	D008 P113			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
15	CC54333-SP	D007 D022 U044 U080			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
16	CC54333-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
17	CC54333-SP	D0 27			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
18	CC54333-SP	NONE			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
19	CC54333-SP	J008 D022 U044			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
20	CC54333-SP	J002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
21	CC54333-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
22	CC54333-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
23	CC54333-SP	D002			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
24	CC54333-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
25	CC54333-SP	D001			NWW	
		D018				
		D028				
		U003				
		U019				
		U108				
		U213				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
26	CC54333-SP	U007			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
27	CC54333-SP	U061			NWW	
		U188				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
28	CC54333-SP	D001			NWW	
		D002				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
29	CC54333-SP	D002			NWW	

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
30	CC54333-SP	D022			NWW	
		U044				
		U080				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
31	CC54333-SP	D001			NWW	
		D002				

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
32	CC54333-SP	D001 U002 U003 U154			NWW	
33	CC54333-SP	D001 D002			NWW	
34	CC54333-SP	D001 F001 F003			NWW	
35	CC54333-SP	D001 U002 U154			NWW	
36	CC54333-SP	D001 D002 D011			NWW	
37	CC54333-SP	D004 D008			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
38	CC54333-SP	D005			NWW	
		D008				
		D019				
		P004				
		P020				
		P041				
		P051				
		P059				
		P066				
		P123				
		P127				
		P194				
		P199				
		U038				
		U048				
		U081				
		U129				
		U144				
		U185				
		U188				
		U240				
		U247				
		U279				
		U411				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
39	CC54333-SP	D001			NWW	
		D002				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
40	CC54333-SP	D002			NWW	
		D007				

Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
41	CC53821-SP	NONE			NWW	

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

LAND DISPOSAL RESTRICTION NOTIFICATION FORM FOR WASTES SUBJECT TO THE TREATMENT STANDARDS FOUND IN 40 CFR 268

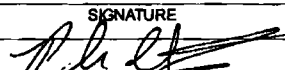
Line	TSD Approval #	Waste Code(s)	Subcategory	UHC'S	NWW or WW	Special Conditions
42	CC53821-SP	NONE			NWW	
43	CC53821-SP	D007			NWW	
44	CC53821-SP	NONE			NWW	

SPECIAL CONDITIONS:

- A. Waste Requiring No Further Treatment
- B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.40
- C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
- D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268 (list contaminants)
- E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
- F. Characteristic waste that are subject to the treatment standards in 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in 268.2(i); are treated on-site to remove hazardous characteristic; and are sent off-site for treatment underlying hazardous constituents (list constituents)
- G. Characteristic wastes that contain underlying hazardous constituents as defined 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in 268.48 Universal Treatment Standards.
- H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSD handling wastes subject to 40 CFR 61 subpart FF ONLY. This waste is "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR subpart FF.
- I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
- J. Certification for contaminated soil treated in accordance with 40 CFR 268.49

Waste analysis is attached where available; otherwise the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I have submitted is true, accurate and complete.

SIGNATURE	TITLE	DATE
	Chemist	01/18/2017

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION A

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR part 268 subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA section 3004(d). I believe that the information I have submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION B

I certify under penalty of law that I personally have examined and am familiar with the waste and that lab pack contains only wastes which have not been excluded under appendix iv to 40 CFR 268. I am aware that there are significant penalties for submitting a false certification, including fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION F

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION G

I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic, and that the underlying hazardous constituents, as defined in 268.2 have been treated on site to the 268.48 Universal Treatment Standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION I

I certify under penalty of law that I personally have examined this contaminated soil and it (DOES/DOES NOT) contain listed hazardous waste and (DOES/DOES NOT) exhibit a characteristic of hazardous waste and requires treatment to meet the soil treatment standards as provided by 268.49(c).

WASTE STREAMS IDENTIFIED BY SPECIAL CONDITION J

I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and believe that it has been maintained and operated properly so as to comply with treatment standards specified in 40 CFR 268.49 without impermissible dilution of the prohibited wastes. I am aware there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

ORIGINAL SIGNATURE PAGE TO ACCOMPANY MANIFEST

Attachment 7
Management of Oxidizer Guideline

MANAGEMENT OF OXIDIZERS GUIDELINE

Drawing References: N/A

Revision: 1

Review Date: 12/20/18

Revision Date: 12/20/2018

NOTE: Control measures to be taken if physical contact or airborne exposures occur are as follows:

- If airborne exposure occurs, exit the area immediately and seek fresh air. Seek help as needed.
- If physical contact occurs, use the closest Safety Shower or Eyewash station as needed. Seek help as needed.
- Donning and Doffing of Respiratory Protection in these areas is forbidden unless direct air monitoring with properly calibrated monitoring equipment show results below the designated Action Limits.

NOTE: Refer to PPE requirements as referenced in SOP 4.6.7 NON BULK CONTAINER SAMPLING.

NOTE: Failure to report damaged or inoperable equipment via the work order system is a "Willful and Knowing" violation of this Standard Operating Procedure which could lead to disciplinary actions up to and including termination.

####1 STARTUP

Inspections/Checklist

1. N/A

Startup Procedure

1. N/A

####2 NORMAL OPERATION

1. ADMINISTRATIVE RECEIVING

- 1.1 In accordance with facility Waste Analysis Plan, Section 3.3, when receiving waste into the facility, ensure a packing slip accompanies the manifest or bill of lading.

2. WAREHOUSE RECEIVING AND FINAL CODING

NOTE: Refer to SOP 4.6.7 NON BULK CONTAINER SAMPLING for sampling operation and selection of PPE.

- 2.1 In accordance with the facility Waste Analysis Plan, Section 3.3, upon container inspection, ensure a packing slip is attached to the exterior of the container.
 - 2.1.1 If packing slip is not attached to the exterior and it is a lab pack, open container to see if one is included inside.
 - 2.1.2 If there is not a packing slip, contact your supervisor or manager so that one may be obtained from the generator.

- 2.2 When a packing slip is available, check the packing slip to ensure the NFPA Class is included on it.

NOTE: Clean Harbors policy mandates that the NFPA Class be included on all Oxidizer packing slips.

- 2.3 The NFPA Class may also be found in the "Safety, Handling or Special Instructions" field of the WRR.
- 2.4 Utilize NFPA Typical Oxidizers attachment to classify oxidizers if not already performed by the Clean Harbors Central Profile Group (CPG) or Technical Services.
- 2.5 If a waste stream has multiple constituents, classify based on worst case chemical or compound.
 - 2.5.1 Document the NFPA Class on both the WRR and packing slip.
- 2.6 Post classification: place a yellow & black NFPA classification label on the container next to the WIN label.
- 2.7 When final coding, data enter the NFPA classification number first followed by routine lab comments. For example "NFPA 3 lab pack ab", "NFPA 2 light green liquid ab" or "NFPA 1 white solids ab".

NOTE: The Kimball facility is not permitted to store NFPA Class 4 oxidizers. Clean Harbors logistics are in place restricting NFPA Class 4 oxidizers from being shipped into the Kimball facility for direct management. If an NFPA Class 4 oxidizer is encountered, contact your supervisor or manager immediately so that appropriate steps may be taken to transfer the oxidizer to an approved end disposal facility or rejection back to the generator.

NOTE: Clean Harbors oxidizer waste classification codes are as follows: CAX, CAXI, CAXC, CAXM, B28, B28E, B28I, LCCRO, LAT-O and LRCTO.

NOTE: Oxidizers may ship into the facility under various DOT Classes. The most common classes will be 5.1, 5.2 and/or 8.

3. OXIDIZER BUILDING STORAGE, AREA 57D

NOTE: All materials stored in the Oxidizer Building, Area 57D, must be classified by National Fire Protection Association (NFPA) Oxidizer Class.

NOTE: As indicated in Section D-1 of the permit, the Kimball Facility cannot store more 2300 lbs of NFPA Class 3 oxidizers inside building 57D.

NOTE: Outer containers must be constructed of appropriate manufacturing material and approved for storage in Area 57D. Only steel or poly outer containers can be stored in Area 57D.

- 3.1 Containers of oxidizers should be stored with containers of the same NFPA Class.
- 3.2 Ensure packing slip is on the exterior of the container.
- 3.3 Ensure NFPA classification is on or near the WIN marking.
- 3.4 Rack materials so that container markings can be easily read from main aisle.
- 3.5 Oxidizers must not be stored on wood pallets.

####3 SHUTDOWN

Normal Shutdown

1. Doff PPE.

NOTE: Doffing or down grade of respiratory protection requires air monitoring below action levels or egress from hazardous area.

2. Clean up area.

Emergency Shutdown

1. If a container is leaking or bulging, initiate an Emergency Response and contact the supervisor or Health and Safety.
2. Evacuate as directed if an alarm sounds.

Inspections/Checklist

1. N/A

Normal Shutdown

1. N/A

Temporary Operations – N/A

Emergency Shutdown / Conditions Requiring Emergency Shutdown

Emergency shutdown of the Oxidizer Building, Area 57D, may be required for the following reasons:

1. Power failure
2. Fire system failure

NOTE: If there is a prolonged fire system failure, all materials must be removed from the building and stored compatibly in a warehouse, Area 57B or Area 50D.

3. Leak or spill

Emergency Operations – follow Emergency Response guidelines

####4 CONSEQUENCES OF DEVIATION

In addition to the process interruptions which can occur, the following additional consequences of deviations could result.

- Injuries and/or fatalities
- Property damage
- Regulatory violations and/or fines
- Damaged public relations and/or customer relations
- Disciplinary actions up to and including termination

Attachment 8
Area 80 Inspection
With Addition of CAT VAC and Drop Box



KP - Area 80 Daily

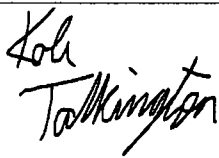
Response Id:
3734711

Compliance Header	
Inspector Name	069418 - Kole W Talkington (TALKINK1)
Area of Inspection	Area 80 Ash Tank Farm
Inspection Date and Time	10/16/2018 12:20 PM
Ash Day Bin H-408A	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408B	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408C	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408D	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408E	

Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408F	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408G	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Ash Day Bin H-408H	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Day Bin Unloader K-417A	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Operating properly	Pass,Pass,Pass,Pass,Pass,Pass
Day Bin Unloader K-417B	

Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Operating properly	Pass,Pass,Pass,Pass,Pass
Day Bin Unloader K-417C	
Free of cracks	Pass
Free of leaks	Pass,Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Operating properly	Pass,Pass,Pass,Pass
Day Bin Unloader K-417D	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Operating properly	Pass,Pass,Pass
Day Bin Unloader K-417E	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Operating properly	Pass,Pass
Day Bin Unloader K-417F	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass

No fugitive emissions/dust	Pass
Free of erosion	Pass
Operating properly	Pass,Pass,Pass,Pass,Pass,Pass,Pass,Pass
Day Bin Unloader K-417G	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Operating properly	Pass,Pass,Pass,Pass,Pass,Pass,Pass
Day Bin Unloader K-417H	
Free of cracks	Pass
Free of leaks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Free of erosion	Pass
Operating properly	Pass
Transfer Belt K-410	
Free of cracks	Pass
Free of leaks	Pass
Free of erosion	Pass
Free of corrosion	Pass
No fugitive emissions or dust	Pass
No signs of tampering	Pass
Operating properly	Pass
Ash Day Bin: Secondary Containment - Floor & Dikes:	
Free of cracks/spalls	Pass
Free of spills/spill residues	Pass
Free of debris	Pass
Free of erosion	Pass,Pass
Ash Day Bin - Secondary Containment - Sump	

Free of cracks/spalls	Pass
Free of erosion	Pass
Free of fluid/solid accumulation	Pass
Ash Day Bin - Secondary Containment - Grating	
Free of corrosion	Pass
Free of deterioration	Pass
Free of damage	Pass
Structurally sound	Pass
Ash Day Bin - Secondary Containment - Sump Pump	
Operating properly	Pass
Ash Day Bins - Satellite Accumulation Containers	
Free of leaks	Pass
Free of odors	Pass
Free of discharges	Pass
Containers closed	Pass
Labeled properly	Pass
Label legible	Pass
Each container is <55 gallon	Pass
Ash Day Bin - General	
No signs of Tampering	Pass
K-402 Ash Drop Box & CAT VAC Ash Box	
Free of leaks	Pass
Free of cracks	Pass
Free of corrosion	Pass
No fugitive emissions/dust	Pass
Operating properly	Pass
Compliance Footer	
Inspector Signature	
Inspection Overall Assessment	Inspection Passed